
Spring 2023

MDE Interpretive Guide to PSAT-related Reports

PSAT 8/9 for Grade 8

PSAT 8/9 for Grade 9

PSAT 10



August 2023

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Introduction

Purpose

In Spring 2023, the College Board PSAT™ 8/9 assessment was administered to students in grades 8 and 9. The College Board PSAT™ 10 assessment was administered to students in grade 10. The PSAT 8/9 and PSAT 10 assessments measure student knowledge in Evidence-Based Reading and Writing and in Mathematics. These assessments help prepare students for the SAT® with Essay college entrance exam, which is given each year to high school juniors.

The PSAT 8/9 for Grade 8 English language arts (ELA) and Mathematics and M-STEP for Science and Social studies are the assessments that the MDE uses for meeting state and federal accountability requirements for students in grade 8. Students in grade 8 who are proficient or advanced in Evidence-Based Reading and Writing and/or Mathematics have also met the College Board grade-level benchmark for those subjects and are on track for college readiness after high school graduation. Eligible students with disabilities take the MI-Access assessment. For information about MI-Access assessments, see the [MI-Access web page](http://www.michigan.gov/mi-access) (www.michigan.gov/mi-access).

The PSAT 10 and PSAT 8/9 for grade 9 assessments also measure student knowledge in Evidence-Based Reading and Writing and in Mathematics. These assessments indicate student growth from year to year toward the SAT® with Essay college entrance exam and show progress toward college readiness. PSAT 8/9 for grade 9 and PSAT 10 assessment results should be used in combination with other local assessment data to identify the learning needs of students and to plan educational programming.

What's In This Guide?

This guide is intended to help educators understand and use the results from the Spring 2023 PSAT 8/9 and PSAT 10 assessments. Reports available include student-level and aggregate-level data reports.

PSAT 8/9 for Grade 8

The reports including PSAT 8/9 for Grade 8 data are the PSAT Individual Student Report, PSAT Student Growth and Proficiency Report, PSAT Student Roster Report, PSAT Comprehensive Report, and the PSAT Demographic Report. Each of these reports contain Evidence-Based Reading and Writing and Mathematics results.

Reports that include both PSAT 8/9 for Grade 8 and M-STEP data are the Grade 8 Parent Report, Student Record Labels, and Student Overview Report.

Student-level reports provide performance data for individual students. The Student Record Labels, Individual Student Report, Parent Report, Student Roster, Student Growth and Proficiency, and Student Overview reports all provide data at the individual student level.

Aggregate-level reports provide performance data based on groups of students, grouped by grade, school, district, and state. The aggregate-level reports are the Comprehensive Report, Demographic Report, and Expectation Analysis Report.

For more information on grade 8 M-STEP assessments for science and social studies, see the Interpretive Guide to M-STEP Reports available on the [M-STEP web page](http://www.michigan.gov/mstep) (www.michigan.gov/mstep).

PSAT 8/9 for Grade 9 and PSAT 10

For the PSAT 8/9 for Grade 9 and PSAT 10 assessments, MDE provides an Individual Student Report, Student Roster Report, and Demographic Report.

Additional Content

This guide also includes the following descriptions and information:

- Assessment item types and how scores are reported
- Performance level categories and ranges
- Appropriate uses and limitations of the data
- How to access reports
- Detailed descriptions of each report
- Other resources, both for additional information regarding sources of assessment results and general information on statewide assessments; users are encouraged to review these additional resources for further information on statewide assessment reporting
- A glossary of data and reporting terms
- Contact information for Michigan Department of Education (MDE) staff involved in reporting of data

Family Educational Rights and Privacy Act (FERPA)

Reports that provide student-level data include federally protected student data. Some aggregate reports may contain score data representing small numbers of students. MDE no longer suppresses aggregate data for fewer than ten students. Data representing small numbers of students is also considered federally protected student data. It is imperative that report users understand the sensitive and confidential nature of the data presented on reports and comply with all [Family Educational Rights and Privacy Act](https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html) (<https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html>) regulations.

Invalid Tests

Students who attempted to test in Spring 2023 but who did not receive a valid test score are reported on the student level reports only. While the student's test score is not reported, the reason for the invalid test is provided. Students who do not receive a valid score are not included on aggregated reports.

MDE Report Descriptions for PSAT 8/9 for Grade 8

Report	Assessment	Description	Aggregation	Distribution
Student Record Labels	PSAT 8/9	Summarizes individual student achievement in each content area for inclusion in the student's Cumulative Student Record folder	Individual Student	<ul style="list-style-type: none"> • Mailed to School • Secure Site
Individual Student Report (ISR)	PSAT 8/9	Separated by content area, provides detailed information on individual student achievement, including overall scale score, performance level, growth score, growth target, and target time frame. Individual Test Scores, Subscores, and Cross Test Scores include the student's individual scores along with a performance indicator are included on the PSAT 8/9 Individual Student Report.	Individual Student	<ul style="list-style-type: none"> • Dynamic Score Reporting Site • MiLearn – Educator
Parent Report	PSAT 8/9	Summarizes individual student achievement in each content area, including overall scale score, performance level, and summarized domain or discipline data	Individual Student	<ul style="list-style-type: none"> • Mailed to School • Dynamic Score Reporting Site • MiLearn – Educator, Parent, Student
Student Overview	PSAT 8/9	Summarizes student achievement for all content areas, including scale score, performance level information, summarized domain and discipline data, growth score, growth target, and target time frame	Individual Student	<ul style="list-style-type: none"> • Dynamic Score Reporting Site • MiLearn – Educator
Student Roster Report	PSAT 8/9	Provides detailed information on student achievement for groups of students, including overall scale score, performance level, growth score, growth target, and target time frame; summary proficiency information is also included for rostered students, school, district, and state aggregate groups	<ul style="list-style-type: none"> • Individual Student • Rostered Students • School • District • State 	<ul style="list-style-type: none"> • Dynamic Score Reporting Site • MiLearn – Educator
Student Growth and Proficiency Report	PSAT 8/9	Provides detailed information about student achievement and student growth data; includes overall scale score, performance level, growth score, growth target, and target time frame; student scale score is shown plotted against growth data	Individual Student	Dynamic Score Reporting Site

Continued on next page

Report	Assessment	Description	Aggregation	Distribution
Demographic Report	PSAT 8/9	Provides a comparison of students by grade and content, aggregated across selected demographic groups, showing mean scale scores and percentages of students in each performance level	<ul style="list-style-type: none"> School District State 	Dynamic Score Reporting Site
Comprehensive Report	PSAT 8/9	Provides a comparison of students by grade and content by schools within a district—mean scale scores and percentages of students in each performance level are reported	District	Dynamic Score Reporting Site
Student Data File	PSAT 8/9	Data file that includes all individual level student data, including scale score, performance level, domain, and discipline data, growth score, growth target, and target Time Frame, student demographic information, and valid/invalid reasons	Individual Student	Secure Site
Aggregate Data File	PSAT 8/9	Data file that includes aggregated student performance information, including average scale score, count and percent of students in each performance level, and demographic subgroups	<ul style="list-style-type: none"> School District State 	Secure Site

MDE Report Descriptions for Grades 9 and 10

Report	Assessment	Description	Aggregation	Distribution
Individual Student Report (ISR)	PSAT 8/9 for Grade 9 PSAT 10	Separated by content area, provides detailed information on individual student achievement, including overall scale score and a College Board grade-level benchmark indicator. Individual Test Scores, Subscores, and Cross Test Scores include the student's individual score and a College Board achievement indicator. PSAT 10 includes an Advanced Placement Potential indicator	Individual Student	<ul style="list-style-type: none"> Dynamic Score Reporting Site MiLearn – Educator, Parent, Student
Demographic Report	PSAT 8/9 for Grade 9 PSAT 10	Provides a comparison of students by grade and content, aggregated across selected demographic groups, showing mean scale scores and percentages of students at each College Board grade-level benchmark	<ul style="list-style-type: none"> School District State 	Dynamic Score Reporting Site
Student Roster Report	PSAT 8/9 for Grade 9 PSAT 10	Provides detailed information on student achievement for groups of students, including overall scale score, and College Board grade-level benchmark summary for rostered students, school, district, and state aggregate groups	Individual Student	<ul style="list-style-type: none"> Dynamic Score Reporting Site MiLearn – Educator
Student Data File	PSAT 8/9 for Grade 9 PSAT 10	Data file that includes all individual level student data, including scale score, College Board grade-level benchmark, student demographic information, and valid/invalid reasons	Individual Student	Secure Site
Aggregate Data File	PSAT 8/9 for Grade 9 PSAT 10	Data file that includes aggregated student performance information, including average scale score, count and percentages of students at each College Board grade-level benchmark, and demographic subgroups	<ul style="list-style-type: none"> School District State 	Secure Site

College Board-Produced Report Descriptions – Available through the K-12 Educator Portal

Report	Description	Aggregation	Distribution
Individual Score Report – Students	A student score report that includes percentiles, color coding showing how the student performs compared to college readiness benchmarks, score projections, and demographic information; students can access their online report (https://studentscores.collegeboard.org/home)	Individual Student	Online
Individual Score Report – Educators	A student score report that includes percentiles, color coding showing how the student performs compared to college readiness benchmarks, score projections, and demographic information; a printable report available for educators to access in the K-12 reporting portal (https://k12reports.collegeboard.org/login)	Individual Student	Online
Roster Report	Lists students with aggregate performance data and scores (select a student's name to view an individual student report)	Individual Student	Online
Score and Benchmarks	Provides aggregate and student-level performance; use it to see how well students performed by comparing their scores to mean scores, benchmark data, and other statistics at the school, district and state levels; establish baselines for school improvement goals; and identify which students did not meet benchmarks	Individual Student	Online
Instructional Planning	View students by performance group in specific subscores, section, and test scores; see which skills your students are strongest, and which need the most improvement	Individual Student	Online

Scoring

PSAT 8/9 and PSAT 10 Scoring

The PSAT 8/9 and PSAT 10 are paper/pencil assessments that include multiple choice items and student-response questions. The Evidence-Based Reading and Writing section includes a reading test and a Writing and Language test. Each test is composed of multi-paragraph passages and multiple-choice questions. Mathematics includes multiple-choice and student-produced response questions divided into two portions: one that permits calculator use, and one that does not.

Multiple Choice Item Scores

In Spring 2023, the PSAT 8/9 assessment included multiple choice (MC) items. When responding to multiple choice items, students select from the available options, only one of which is a correct response to the item. Students who select only the correct option receive a score of one (1) on the MC item. Students who select one of the incorrect options, multiple options, or do not respond receive a score of zero (0). The string of responses from the MC items (e.g. 1,0,0,0,1,...,1) serves as input for the statistical models used to derive scale scores. MC items are scanned and scored by computer.

How Scores Are Reported

Students receive a total score that is the sum of their scores on two sections (Evidence-Based Reading and Writing and Mathematics). To calculate section scores, the College Board computes the student's raw score—the number of questions correctly answered—for each section. Nothing is deducted for incorrect answers or for unanswered questions.

For PSAT 8/9, each of the raw score sections is converted to a scale score of 120 to 720. PSAT 10 raw score sections are converted to a scale score of 160–760. This conversion process adjusts for slight differences in difficulty among versions of the test and provides a score that is consistent across different versions. The scaled scores are the scores provided on score reports.

Student Growth Data

Student Growth Scores, Growth Target Scores, and Growth Target Time Frame will appear on the Individual Student Report, Student Roster, Student Growth and Proficiency Report, Student Overview Report, and in the student data files accessed through the Secure Site for PSAT 8/9 for Grade 8.

Growth data are relative to students in Michigan who had comparable achievement scores on prior state-level tests. This means only those students who received valid scores on the most recent state assessment in a content area and have a valid score on this year's test will receive growth scores.

Growth scores describe a student's learning over time compared to other students who took the same test and had similar prior test scores. Growth Scores are percentiles that range from 1 to 99, with 50 being the average, and indicate how many scores in the comparison group are below that score. For example, a Growth Score of 60 means the student had higher growth than 60 percent of comparable students.

Growth Target Scores also range from 1 to 99 and represent the amount growth above or below average a student needs to maintain year-over-year to reach or to maintain proficiency by the end of the set number of years. For example, consider a Growth Target Score of 80. This means the student must maintain considerably above average growth year-over-year to reach or to maintain proficiency by the end of the set number of years.

Growth Target Time Frames range from one to three years and are the number of years expected for a student to reach or to maintain proficiency. Growth Target Time Frames are set based on how long it has historically taken similar students to reach or to maintain proficiency.

Growth data add important context for understanding the growth of individual students and growth patterns within groupings of students. When combined with achievement scores and proficiency categories, growth data can help educators understand how students' achievement scores compare to their peers in the state who had comparable prior test scores. Growth data will be added to reports after the initial release of reports, due to the additional time required to calculate them. For more information, select the link [Student Growth in School Accountability](#), located on the [MDE Accountability web page](#) (www.michigan.gov/mde-accountability) under the **General Accountability Resources** section.

Standard Setting for the PSAT 8/9 for Grade 8

In May 2019, College Board Psychometrics facilitated a standard setting for the Evidence-Based Reading and Writing (EBRW) and Mathematics sections of the PSAT 8/9 for grade 8. The purpose of the standard setting was to obtain three cut scores for the EBRW and for the Mathematics exams to be used for accountability purposes. The state of Michigan utilizes four Performance Levels (Not Proficient, Partially Proficient, Proficient, or Advanced) and three cut scores defining those levels.

The cut scores for Partially Proficient and Advanced were set by the educator panelists. Each panel used Performance Level Descriptors (PLDs) to guide them in placing bookmarks and making their recommendations. The cut scores for Proficient in EBRW and Mathematics were set to the College Board College and Career Readiness scores. Panelists were asked to verify the reasonableness of the Proficient cut scores, given the previously approved Performance Level Descriptors.

The cut scores recommended by the panels were provided to the state for consideration along with other information considered relevant. The recommendations from the standard setting panel were accepted as the final cut scores.

The Department of Education has not established performance level descriptors for PSAT 8/9 for Grade 9 and PSAT 10 reports. However, PSAT 8/9 for Grade 9 and PSAT 10 reports do include a "Meets/Does not meet grade-level benchmark" as determined by the College Board on those assessments.

Performance Level Descriptors and Ranges for Grade 8

Performance Level (PL) Descriptors

Not Proficient: The student's performance is not yet proficient and indicates minimal understanding and application of key academic content standards defined for Michigan students. The student needs intensive intervention and support to improve achievement.

Partially Proficient: The student's performance is not yet proficient, indicating a partial understanding and application of key academic content standards defined for Michigan students. The student needs assistance to improve achievement.

Proficient: The student's performance indicates understanding and application of key academic content standards defined for Michigan students. The student needs continued support to maintain and to improve proficiency.

Advanced: The student's performance exceeds academic content standards and indicates substantial understanding and application of key concepts defined for Michigan students. The student needs support to continue to excel.

<div> <div>Michigan grade 8 Testing</div> <div>2023 Michigan Grade 8 Performance Level Scale Score Ranges</div> </div>					
Subject	Grade	Level 1 Not Proficient	Level 2 Partially Proficient	Level 3 Proficient	Level 4 Advanced
Evidence-Based Reading and Writing	8	120-359	360-389	390-439	440-720
Mathematics	8	120-369	370-429	430-509	510-720

Note: Michigan uses the PSAT 8/9 for Grade 8 results for measuring proficiency on state academic standards in eighth grade English language arts and mathematics. Students who are proficient or advanced in Evidence-Based Reading and Writing and/or in Mathematics have also met the grade level College Board benchmark for those subjects.

PSAT EBRW and Mathematics College Board Readiness Benchmarks

Michigan utilizes PSAT 8/9 for Grade 8 results for measuring proficiency on state academic standards in eighth grade English Language Arts (ELA) and Mathematics. Students who are proficient or advanced in Evidence-Based Reading and Writing and/or in Mathematics have also met the grade level College Board benchmark for those subjects. Students who meet the grade level benchmark are on track for college readiness after high school graduation.

PSAT 8/9 for Grade 9 and PSAT 10 are not currently included in accountability calculations.

Score Range, EBRW and Math Benchmark Scores, and Total Score Range for each assessment is shown in the table below.

Assessment	Section Score Range	EBRW Benchmark Score	Math Benchmark Score	Total Score Range
PSAT 8/9 for Grade 8	120-720	390	430	240-1440
PSAT 8/9 for Grade 9	120-720	410	450	240-1440
PSAT 10	160-760	430	480	320-1520

Appropriate Use of the Data Provided in Assessment Reports

Appropriate Uses and Limitations of Summative Assessment Data

Assessment reports and data are an important part of a comprehensive assessment system that schools and districts should use in data-driven decision-making when considering curriculum development and instructional program evaluation. Assessment data should be shared with administrators, curriculum directors, instructional coaches, instructional leaders, and teachers. While reviewing the summative assessment data, educators should be aware of the appropriate uses--and limitations--of the data.

Individual Level Data

Uses: Summary information is provided for individual students. The student's scale score provides an indication of the student's proficiency at the time the test was taken. Scale scores represent what the student knows and is able to do in relation to Michigan's Academic Standards. For grade 8 students, scale scores are sorted into ranges of Performance Levels, which are used to indicate student progress toward college and career readiness. Performance Levels are Not Proficient, Partially Proficient, Proficient, and Advanced. More information about Performance Levels and how cut scores are determined is available under "Performance Levels" in the How Scores are Reported chapter of this guide.

Limitations: The PSAT 8/9 for Grade 8, PSAT 8/9 for Grade 9, and the PSAT 10 are summative assessments administered at the end of the student's instructional program. Assessment results measure the standards that are assessed; they do not reflect student skills and abilities that are not part of assessed content. Results should be used together with other assessment and classroom performance information to provide a more complete picture of student performance.

Aggregated Data

Uses: Summary information about student performance is provided by aggregate groups. This data is intended to support educational program evaluation at the school, district, and state-level and/or to inform stakeholders (teachers, school and district administrators, parents, and the public) on progress toward meeting the Michigan Academic Standards and College Board grade-level benchmark. The data includes:

- overall mean scale scores by school, district, and state
- overall mean scale scores for identified demographic groups by school, district, and state
 - This information can be used to compare the results of a demographic group within your school or district to the overall performance of students in your school or district.

Limitations: Overall aggregate mean scale scores provide a snapshot of information about a group of students' performance on the test. These results should be used within a comprehensive assessment system that includes formative and benchmark assessment data to provide a more complete picture of student achievement.

Note About Longitudinal Assessment Data: Annual assessment data are usually cross-sectional. Caution should be used if making any historical (longitudinal) comparisons at any level of the student population as assessment scales may have changed over the years.

Accessing PSAT 8/9 and PSAT 10 Reports

There are two systems that can be used to access PSAT 8/9 and PSAT 10 reports in this guide: the Dynamic Score Reporting Site and the Michigan Linked Educational Assessment Reporting Network (MiLearn). This section provides an overview of each system and links to more detailed resources about each system.

Accessing PSAT 8/9 and PSAT 10 Reports through Michigan's Dynamic Score Reporting Site

PSAT 8/9 and PSAT 10 reports are available to school and district users through the Dynamic Score Reporting Site, which is accessible through the Office of Educational Assessment and Accountability (OEAA) Secure Site.

The Secure Site

Secure Site access is available to district and school employees with authorized user roles and permissions granted by their district. You must have a Michigan Education Information System (MEIS) login in order to access the Secure Site. For instructions on how to obtain a MEIS login, go to the [Secure Site Training web page](http://www.michigan.gov/securesitetraining) (www.michigan.gov/securesitetraining) and select "How do I get access to the Secure Site?"

Dynamic Score Reporting Site

The Dynamic Score Reporting Site (DSRS) provides score reports for M-STEP, PSAT 8/9 for Grade 8, PSAT 8/9 for Grade 9, PSAT 10, SAT with Essay, MI-Access, and Early Literacy and Mathematics Benchmark assessments. View the interpretive guide for each assessment program for more information on specific reports by assessment program.

All reports provided through the DSRS are delivered "as-tested." This means that students are associated with the reports according to the

school and district in which they tested. This approach supports the use of aggregate reports in educational program evaluation and analysis of curricular alignment to assessed standards. This will be distinguished from the Mi-Learn "as-rostered" reports in the next section.

Detailed information about the DSRS is available in the [Dynamic Score Reporting Site User Guide](#).

Accessing PSAT 8/9 and PSAT 10 Reports through MiLearn

MiLearn provides score reports for M-STEP, PSAT 8/9, PSAT 10, SAT with Essay, WIDA, and MI-Access Reports to district and school administrative staff as well as teachers, parents, and students.

MiLearn reports are available to staff, parents, and students in districts who have completed the onboarding process to connect MiLearn through the Michigan Data Hubs. If you would like more information about how to make MiLearn available in your district, contact MiLearn at MDESsupport@midatahub.org.

MiLearn is accessed through your district Student Information System (SIS). Specific reports that are available in MiLearn are dependent on the user role; administrators, teachers, students, and parents have access to different reports as decided by the local district.

MiLearn reports are delivered "as-rostered." This means student reports are based on current student enrollment as recorded in the district SIS. This allows teachers and school staff to view all student reports based on current enrollment in the SIS, even if the student tested in another school or district.

Detailed information about MiLearn is available in the [MiLearn Student Assessment Score Reporting Site Educator User Guide](https://www.michigan.gov/-/media/Project/Websites/mde/OEAA/General/MiLearn_Educator_User_Guide.pdf) (https://www.michigan.gov/-/media/Project/Websites/mde/OEAA/General/MiLearn_Educator_User_Guide.pdf).

Reports

What's New?

Advanced Placement (AP) on the PSAT 8/9 for grade 9 Student Roster Report

The student's PSAT 8/9 for grade 9 score now indicates the probability of scoring a 3 or higher on one or more Advance Placement (AP) exams.

- P indicates the student has potential to score a 3 or higher.
- S indicates the student has some potential to score a 3 or higher.
- NA indicates the student needs to strengthen skills in order to be successful on an AP exam.

Help documents for reports are provided in the Dynamic Score Reporting Site.

[Dynamic Score Reporting Site User Guide](https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf) (<https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf>) – user guide that describes how to access and navigate the Dynamic Score Reporting Site.

Individual Level Reports

Individual level reports refer to reports that provide information and feedback on the performance of individual students. These reports are generated based on the results obtained by each student. This section describes some functionality options in the Dynamic Score Reporting Site and MiLearn.

Take Action Menu

The Take Action Menu provides additional information about the report, generate PDF files from the reports that may be printed and saved. Individual level reports have the following options available in the Take Action Menu:

- About this Report
- PDF Download

The Take Action menu is active before a report is generated. All actions are fully functional. PDF Download (including the Large PDF Download function) results will be generated according to the selected filters in the Report Navigation Menu.

Print Options

All reports provide the option of downloading, printing, and saving a PDF version of the report. The student level reports now have the Large PDF Download Function.

To view a PDF of the selected reports, select PDF Download in the Take Action drop-down menu. If PDF Download is selected prior to viewing a report, the resulting PDF will be generated according to the selected filters in the Report Navigation Menu. Reports can be printed and/or downloaded and saved to your computer.

Large PDF downloads (250 or more reports) are downloaded using the Large PDF download functionality.

1. Select PDF Download in the Take Action menu.
2. A pop-up window will display requesting your email address.
3. When the file has downloaded, the Alerts icon at the top right of the screen will pop-up and allow you to access your PDF of reports.

PSAT 8/9 for Grade 8 Student Level Reports

Student Record Labels

The Student Record Labels provide summary student performance levels for individual students. The labels include district and school information, student demographic information, grade 8 administration cycle information, and overall student performance level for tested content areas and assessments.

Student Record Labels are provided for inclusion in the students' Cumulative Student Record or CA-60 folder. The labels are printed and shipped to the school where the student tested in late summer and are available through the Secure Site if schools need to print additional copies. Student Record Labels are available for students in grade 8 only.

00000 ABC SCHOOL DISTRICT
00000 ABC ELEMENTARY-MIDDLE SCHOOL

DOE, JOHN A

UIC#: 0000000000

DOB: 00/00/0000

Gender: M

Grade: 8

Spring 2023

Michigan
grade 8
Testing

Content	SS	Performance Level
ELA (EBRW)	510	4-Advanced
Mathematics	510	4-Advanced
Science	1833	4-Advanced
Social Studies	1825	3-Proficient

Student Record Labels

This report provides information about the student's overall scale score and performance level.

Student Record Labels

The report can help educators:

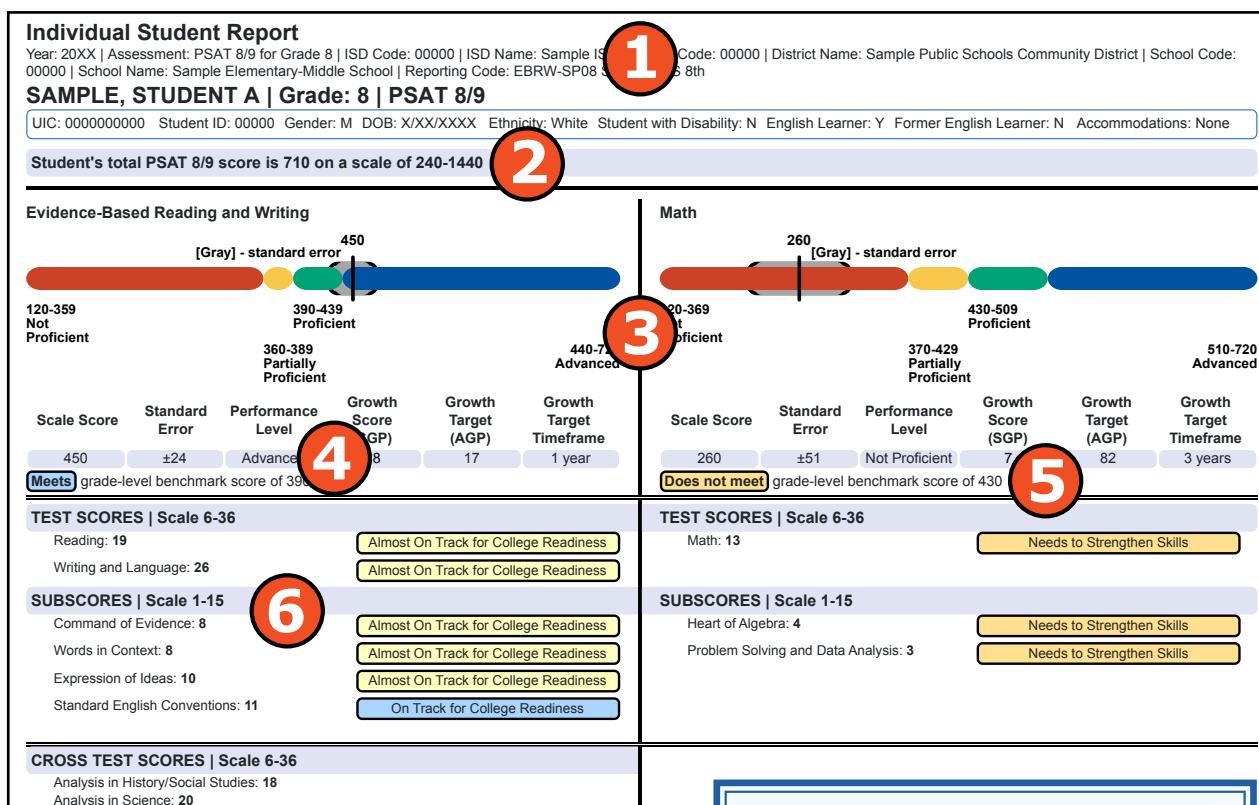
- view overall summary score and performance level information at a glance
- view a student record folder for snapshot at-a-glance achievement information

PSAT 8/9 for Grade 8 Individual Student Report

The Individual Student Report (ISR) provides information about student performance by content area. Each student will have an ISR for Science and Social Studies and a separate ISR for PSAT 8/9 Evidence-Based Reading and Writing and Mathematics.

The **PSAT 8/9 ISR** report is divided into six main sections:

- 1 Student Demographic Information
- 2 Total Score
- 3 Overall Content Performance
- 4 Overall Performance and Growth Data
- 5 Benchmark Score
- 6 Information on Individual Test Scores, Subscores, and Cross-Test Scores



Individual Student Report

This report can help educators:

- inform, when used with other local assessment data, about student proficiency and progress toward proficiency based on Michigan's Academic Standards
- view overall summary score and performance-level information at a glance
- view a snapshot of individual student performance based on Michigan's Academic Standards

Individual Student Report

This report provides information about:

- Individual student overall scale score and performance level
- Individual test scores, subscores, and cross-test scores
- Growth Data: growth score, growth target, and growth time frame

Student Demographic Information – 1

This section provides identifying information about the student, including the student's name, grade, gender, date of birth, race/ethnicity, Unique Identification Code (UIC), and the district student ID (if provided by the school). The report will show if the student has been marked in the Michigan Student Data System (MSDS) as a Student with Disability, English Learner, or Former English Learner. Additionally, if the student was assigned accommodations, the accommodations will be listed.

Any designated supports or accommodations the student received during the assessment are displayed.

Total Score – 2

The total score is the sum of the two section scores: Evidence-Based Reading and Writing, and Mathematics. The Total Score scale is 240-1440.

Overall Content Performance – 3

Overall content area scale scores—including standard error and the associated performance level—are provided as a graphic and as a table. Scale score ranges for each performance level are also shown on the graphic.

Growth Data – 4

Growth Data are available after the initial release of assessment reports. They include **Growth Score (SGP)**.

Growth Scores range from 1 to 99, with 50 being average, and represent the percentage of comparable students—those who took the same test and had similar prior test scores—who had growth lower than that student. For example, a Growth Score of 60 means the student had higher growth than 60 percent of comparable students.

Growth Target Scores also range from 1 to 99 and represent the amount growth above or below average a student needs to maintain year-over-year to reach or to maintain proficiency by the end of the set number of years. For example, consider a Growth Target Score of 80. This means the student must maintain considerably above average growth year-over-year to reach or to maintain proficiency by the end of the set number of years.

Growth Target Time Frames range from one to three years and are the number of years expected for a student to reach or to maintain proficiency. Growth Target Time Frames are set based on how long it has historically taken similar students to reach or to maintain proficiency.

Benchmark Score – 5

The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college and career readiness upon graduation from high school.

Information on Individual Test Scores, Subscores, and Cross-Test Scores – 6

Individual Test Scores

The Reading test measures comprehension and reasoning skills and focuses on close reading of passages in a wide array of subject areas.

The Writing and Language test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.

The Mathematics test includes a range of mathematics practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores

The EBRW and Mathematics assessments report multiple subscores for Reading, Writing and Language, and Mathematics, all ranging from one to 15 points. Subscores provide more detail about student achievement.

Subscores for Evidence-Based Reading and Writing

- **Command of Evidence** – assessment of students’ ability to understand, evaluate, and make use of textual evidence (facts, details, statistics,).
- **Words in Context** – assessment of students’ ability to interpret words and phrases in context, analyze word choice rhetorically, and use language effectively in writing.
- **Expression of Ideas** – assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- **Standard English Conventions** – assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Subscores for Math

- **Heart of Algebra** – assessment of students’ skills with linear equations and systems of linear equations.
- **Problem Solving and Data Analysis** – assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.

Cross-Test Scores

Two cross-test scores are reported:

- Analysis in Science
- Analysis in History/Social Studies

Analysis in History/Social Studies and Analysis in Science Cross-Test scores are based on questions in the Reading, Writing and Language, and Mathematics tests that ask students to think analytically about texts and problems in these subject areas.

College Board Test and Subscore Indicators

College Board provides test score and subscore indicators to summarize student grade-level readiness for college and career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following achievement indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Take Action

The take action menu, which is enabled after a report is generated, contains the following options for the report:

- **About this Report**
- **PDF Download** – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option.

Report Features

Features of the Individual Student Data Report are described below.

Go to Student

The Go to Student menu allows the user to go directly to the generated report for the selected student.

Drill-Down

The Individual Student Report includes a drill-down feature that enables the user to select the Student Growth Score on the Individual Student Report to open a Student Growth and Proficiency Report.

When the Student Growth Score has been selected and the user proceeds to drill-down into the Student Growth and Proficiency Report and the Student Growth and Proficiency displays, a “breadcrumb” area appears below the District/School entity information. The breadcrumb displays ‘Individual Student Report > Student Growth and Proficiency Report’. To return to the Individual Student Report, the user selects ‘Individual Student Report’.

A user may drill-down into an Individual Student Report from the Student Roster Report. When the ISR is accessed in this way, the user cannot make any additional filter selections in the report. The user can view the report or drill-down further into a Student Growth and Proficiency Report. However, to use the filter options in an individual ISR, the user must select the Individual Student Report from the ‘Choose Report’ drop-down menu.

Data Definitions

- **Growth Score (SGP):** (Previously called Student Growth Percentiles) Describes a student’s learning over time compared to other students with comparable prior test scores. Percentiles range from 1 to 99 and indicate how many scores in the comparison group are below that score.
- **Growth Target (AGP):** (Previously called Adequate Growth Percentiles) Specifies the amount of growth necessary for the student to reach or to maintain proficiency within a set Time Frame. Percentiles range from 1 to 99.
- **Growth Target Time Frame:** The amount of time the growth target (AGP) model is expecting the student will need to reach or to maintain proficiency. Time Frames range from one to three, indicating how many years it would take for the student to achieve proficiency if they meet the Growth Target Score.
- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores that would be expected if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale, allowing scores to be compared across different forms of the test.

PSAT 8/9 for Grade 8 Parent Report

Parent Reports are printed and shipped to schools for distribution to parents. Parent Reports are also made available to schools in the Dynamic Score Reporting Site for reprinting or to provide additional copies to parents or guardians.

The Parent Report provides information for parents about student performance in tested content areas.

This report includes five main sections:

- 1 Superintendent Letter
- 2 What Do My Student's Overall Scores Mean?
- 3 PSAT 8/9 Evidence-Based Reading and Writing (EBRW) and Mathematics Performance Data
- 4 M-STEP Science and Social Studies Performance Data
- 5 Questions to Ask Your Student's Teacher
- 6 Where Can I Find More Information?

Superintendent Letter – 1

A letter to parents from the State Superintendent is included on each report. This letter describes the Grade 8 assessments and the content assessed

What Do My Student's Overall Scores Mean? – 2

Student overall scores reflect what students know and can do in relation to Michigan's Academic Standards. Overall scores are reported in one of four performance levels.

SAMPLE, STUDENT A. | Grade 8
District: 00000 Sample Public Schools Community District
School: 00000 Sample Academy

20XX | **Parent Report** | Michigan **grade 8** Testing

Dear Parent/Guardian:

Getting children ready to take their place in the world is challenging. Our schools strive to ensure that all Michigan children receive an education that prepares them to thrive in a global economy and in their local communities. We invite you to partner with your child's school to improve your child's learning. Together as partners, we can support every child's education.

The Michigan Academic Standards (www.michigan.gov/academicstandards) set learning expectations for what students should learn and be able to do at each grade level. The standards help prepare students to graduate from high school and to pursue their chosen postsecondary opportunities.

As required by state and federal law, your student took the PSAT 8/9 and the Michigan Test of Educational Progress (M-STEP) this spring. The PSAT 8/9 measures student knowledge of state academic standards in English language arts and in mathematics. The PSAT 8/9 also helps to prepare students for the SAT® college entrance exam given each year to high school juniors. The M-STEP measures student progress based on state academic standards for grade 8 science and social studies. Your child's test results are included in this report.

Please remember that these assessments are simply a snapshot of a student's achievement. I encourage you to discuss these results with teachers who know your child personally. The PSAT 8/9 and M-STEP results can be used, along with other assessments and classroom performance information, to provide a more complete picture of your child's progress.

Parents/guardians have an important role in setting high expectations and supporting their children. If your child needs additional help or wants to learn more about a subject, I encourage you to work with your local educator(s) to find helpful educational resources for your student. Families, schools, and teachers succeed when they work together to support and inspire student achievement.

Sincerely,

Michael F. Rice
Michael F. Rice, Ph.D.
State Superintendent
Michigan Department of Education

MICHIGAN
Department of Education

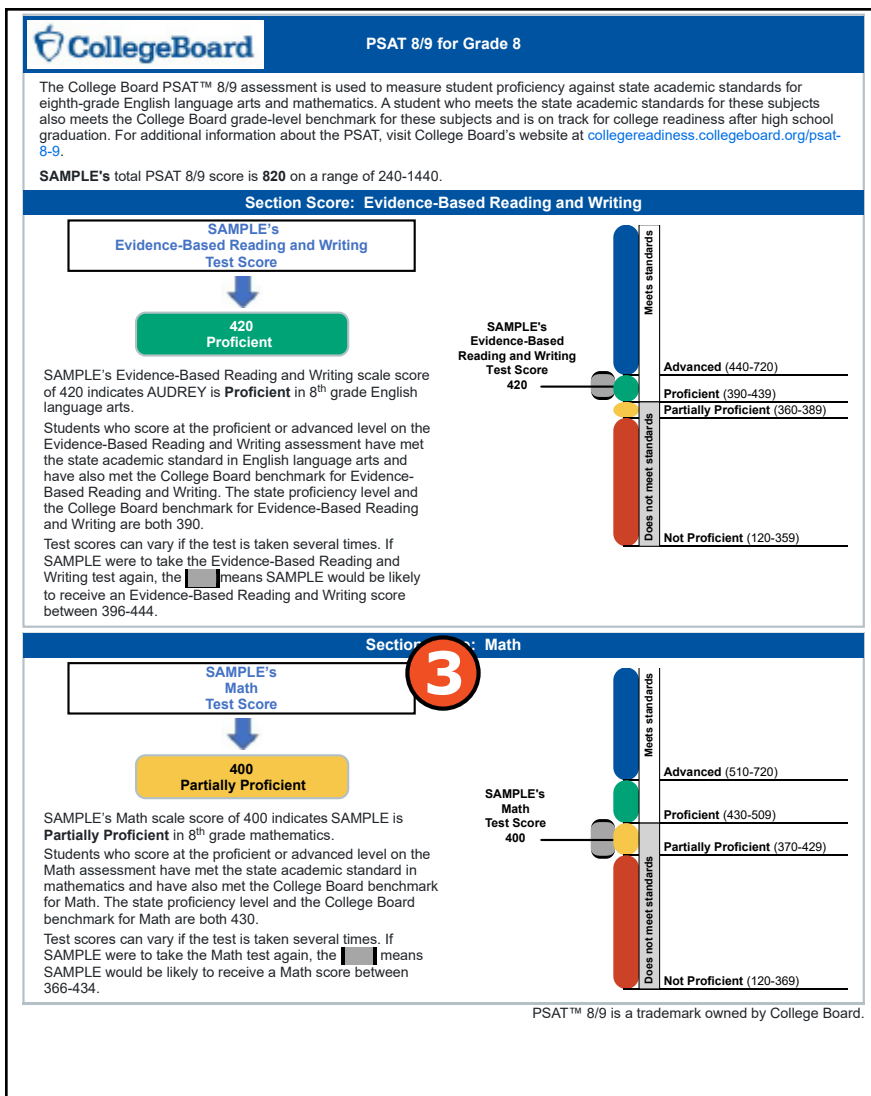
What do my student's overall scores mean?

Student overall scores reflect what students know and can do in relation to Michigan's academic standards. Overall scores are reported in one of four performance levels.

- Advanced** The student's performance exceeds academic content standards and indicates substantial understanding and application of key concepts defined for Michigan students. The student needs support to continue to excel.
- Proficient** The student's performance indicates understanding and application of key academic content standards defined for Michigan students. The student needs continued support to maintain and improve proficiency.
- Partially Proficient** The student's performance is not yet proficient, indicating a partial understanding and application of key academic content standards defined for Michigan students. The student needs assistance to improve achievement.
- Not Proficient** The student's performance is not yet proficient and indicates minimal understanding and application of key academic content standards defined for Michigan students. The student needs intensive intervention and support to improve achievement.

Students who are **Advanced** or **Proficient** have **met** the 8th grade proficiency standards for the content area. Students who are **Partially Proficient** or **Not Proficient** have **not yet met** the grade level proficiency standards for the content area.

UIC: 0000000000



PSAT 8/9 for Grade 8 Parent Report

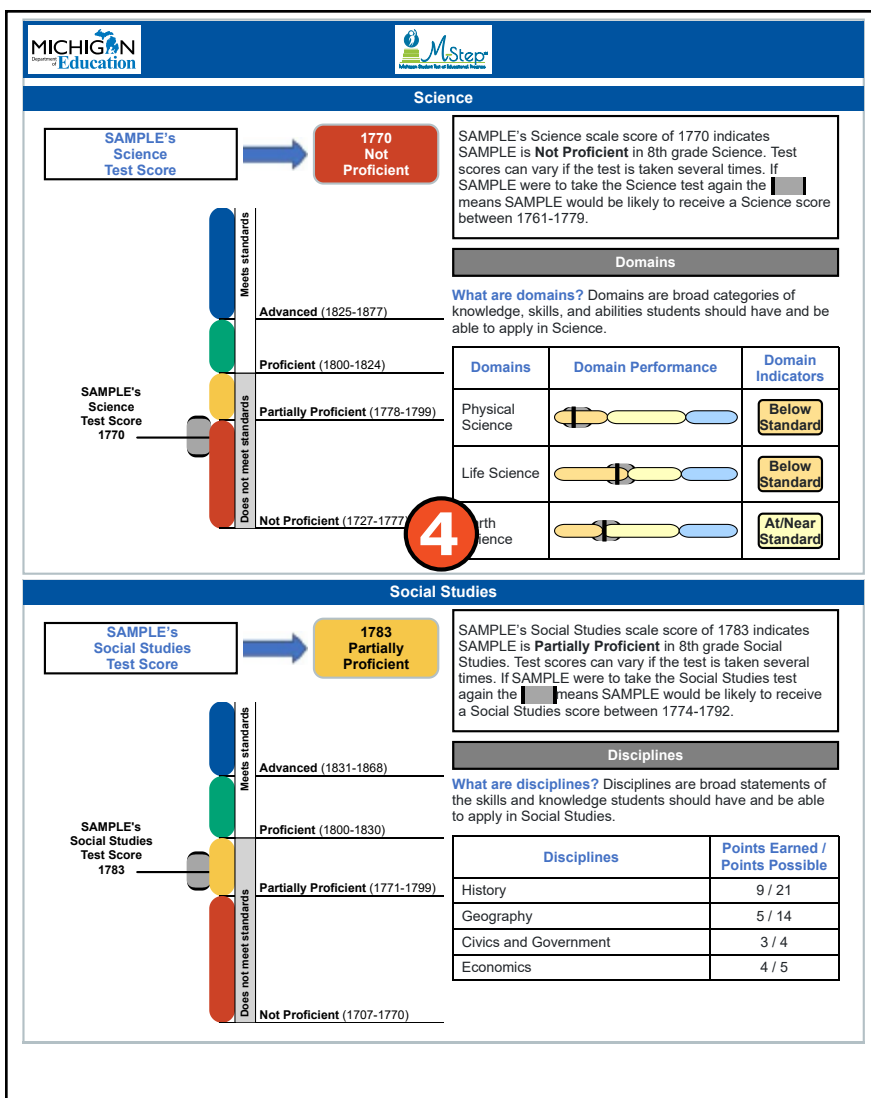
This report helps schools to:

- inform, when used along with local assessment data, about student proficiency and progress toward proficiency based on Michigan's Academic Standards
- view overall summary score and performance-level information at a glance
- view a snapshot of individual student performance based on Michigan's Academic Standards
- analyze summary performance on the science domains overall
- view raw score data on social studies disciplines

PSAT 8/9 for Grade 8 Parent Report

Schools should not use this report to:

- make program/placement decisions for individual students, unless required by law
- make day-to-day instructional decisions for individual students
- make decisions about continuous improvement goals and strategies for schools or districts



Overall Content Performance

Grade 8 reports include summary information about PSAT 8/9 and the M-STEP assessments, along with additional information and resources for parents.

PSAT 8/9 Evidence-Based Reading and Writing (EBRW) and Mathematics Performance Data – 3

- The College Board PSAT 8/9 is composed of two sections: Evidence-Based Reading and Writing, and Mathematics. Overall content area scale scores—including standard error and the associated performance level—are provided as a graphic. In addition, the graphic includes the ranges of scale scores that do and do not meet standards, labeled as “Does not meet standards” and “Meets standards.”
- The Michigan Department of Education proficiency cut score and the College Board grade level benchmark score, which show the student’s college-readiness after high school graduation, are the same.

M-STEP Science and Social Studies Performance Data – 4

- M-STEP science and social studies assessment results are displayed as a graphic and a table. Ranges for each performance level are shown on the graphic.
- For science, a Performance Indicator Graph provides a visual representation of student performance relative to the range of possible performance within each claim or domain.
 - Light blue is Above Standard
 - Yellow is At or Near Standard
 - Orange is Below Standard
- Social studies content standards are organized by disciplines. Raw scores—points earned out of total points possible—are reported for each discipline. Raw scores are not comparable across test forms.

Visit the [M-STEP web page](http://www.michigan.gov/mstep) (www.michigan.gov/mstep) for additional M-STEP information.

QR Codes on the PSAT 8/9 for grade 8 Parent Report

The PSAT 8/9 for grade 8 Parent Report now has QR (quick response) codes added to the “Where can I find more information” section on the last page of the Parent Report. QR codes are machine-scannable images that can be read using a Smartphone camera. When a smartphone scans the image, parents are given immediate access to the PSAT Web Page and the M-STEP Web Page where many resources are available.

Questions to Ask Your Student’s Teacher – 5

Questions for generating conversations between parents and teachers are offered in the report. These include questions covering all subject areas and questions based on individual student performance in Evidence-Based Reading and Writing and in Mathematics.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**
- **PDF Download** – There are three PDF options: English, Arabic, and Spanish. To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. There is a printed version as well.

Report Features

Features of the Parent Report are described below.

Go to Student

The Go to Student menu allows the user to go directly to the generated report for the selected student.

Questions to Ask Your Student’s Teacher

Questions for All Subject Areas

- Are my student’s scores from last spring consistent with what you are seeing now in the classroom?
- How are creativity and innovative thinking promoted in the classroom?
- What are some resources (including activities, books, websites, technology) we can consider using as a family to support our student in the classroom?
- What strategies for independent learning are being used in the classroom, and how can I reinforce them at home?

Questions for Evidence-Based Reading and Writing

- What is happening in the classroom to ensure my student continues to grow and thrive in English language arts?
- What reading and writing strategies, routines, and interventions are happening at school that I can reinforce?
- Do you recommend any nonfiction articles and/or books for my student?
- How are reading and writing incorporated into the other subjects my student is taking?


Questions for Mathematics

- What is happening in the classroom to ensure my student continues to grow and be challenged in mathematics?
- What organizational strategies and tools will be used in the classroom to challenge my student when communicating their mathematical reasoning?
- How is mathematics being taught in the classroom to bring it to life and make it relevant to my student?


Where can I find more information?

- The M-STEP webpage at www.michigan.gov/mstep has a Parent/Student section with information designed for parents, guardians, and students, including:
 - Michigan’s Education Assessment System: What It Is, What It Means, and What It Offers
 - What Parents Should Know About Assessments
 - M-STEP/PSAT How to Read Your Child’s Score Report for Grades 3-8
 - Parent Report Video for Grades 3-8 and 11 outlining how to read this report
 - Online practice for M-STEP, which contains examples of the types of questions your student may have experienced while taking the M-STEP assessments
 - Parent User Guide - MiLearn Student Assessment System Reporting Site, a reporting site that provides online access to your student’s Grade 8 Parent Report through your local Student Information System
- The PSAT webpage at www.michigan.gov/psat has a Parent/Student section which includes Understanding PSAT 8/9 Results for Parents.
- Michigan’s Starting Smarter web page at mi.startingsmarter.org provides parent-friendly information and resources for the M-STEP assessments and this parent report.

Scan to view the PSAT Web Page



Scan to view the M-Step Web Page



About the Data

- Parent Reports are available for paper/pencil and online test takers.
- Tests marked “invalid” display the invalid reason. Invalid tests are not included in school, district, or state aggregations.
- Overall content performance is marked on the graphic to indicate the student’s overall scale score and standard error.
- Each color band of the graphic indicates a performance level:
 - Blue is Advanced
 - Green is Proficient
 - Yellow is Partially Proficient
 - Red is Not Proficient
- The color bands contain a minimum and maximum scale score range for that performance level.
- A table below the overall content performance graphic provides the overall content performance data in tabular form.
- Science reports domains as domain performance indicators.
- Social studies report discipline results as raw scores (points earned/points possible).
- Raw scores (points earned/points possible) are reported for each discipline.

Data Definitions

- **Discipline:** Disciplines are used as a means to organize content standards and expectations. Disciplines apply to social studies.
- **Domains:** Domains are used to group the three-dimensional science standards using similar disciplinary core ideas. Domains apply to science.
- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Raw Score:** Points earned/total points possible. Raw scores are not comparable across different forms of the test.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Privacy Notice: This Report contains federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 8/9 Grade 8 Student Roster Report

The PSAT 8/9 Grade 8 Student Roster Report provides information about student performance by content area.

The report is divided into five main sections:

- 1 Overall Proficiency Summary
- 2 Rostered Student Description
- 3 Overall Content Performance (Table Format)
- 4 Overall Content Performance (Graphic Format)
- 5 Individual Test Scores and Subscore Data

Overall Proficiency Summary – 1

Overall proficiency summary data is displayed in graphic format for each group:

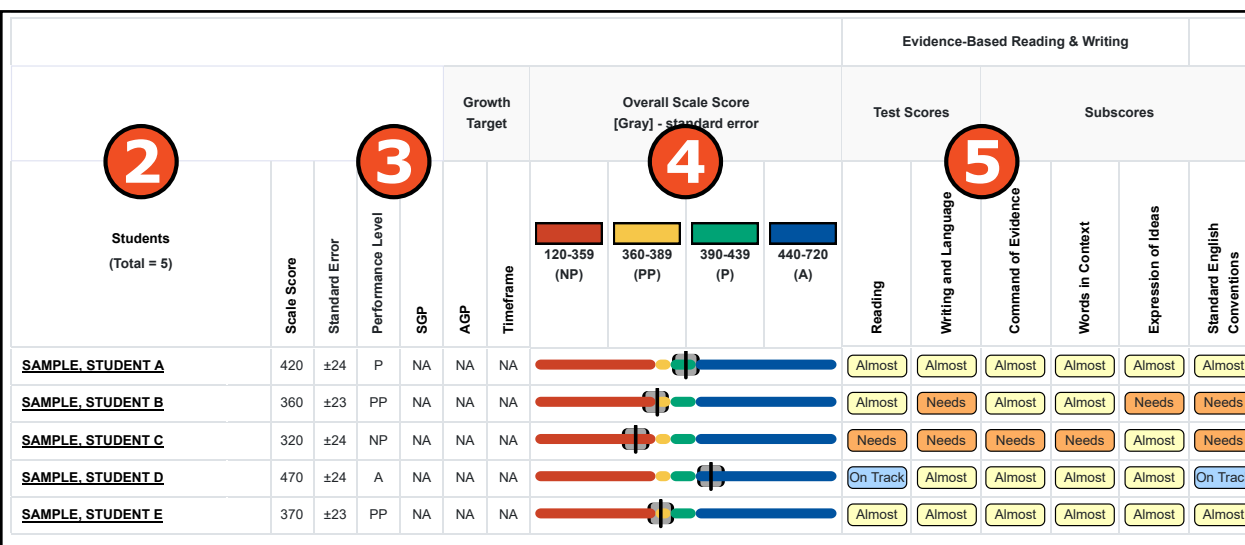
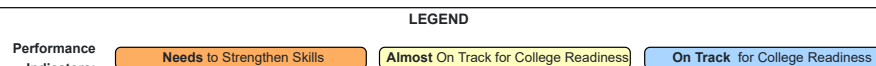
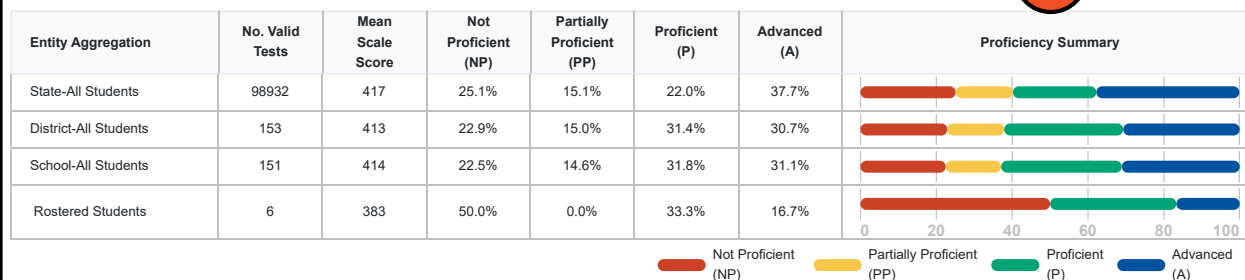
- State – all students in the state
- District – all students in the district
- School – all students in the school
- Rostered Students – students displayed in the roster according to user filter selections

Student Roster Report

Year: 20XX | Assessment: PSAT 8/9 for Grade 8 | ISD Code: 00000 | ISD Name: Sample ISD | District Code: 00000 | District Name: Sample Public Schools | School Code: 00000 | School Name: Sample Middle School | Reporting Code: All

Grade 8 | Evidence-Based Reading & Writing

Proficiency Summary



PSAT 8/9 Grade 8 Roster Report

This report helps schools to:

- inform, when used with other local assessment data, about student proficiency and progress toward proficiency based on Michigan's Academic Standards
- view overall summary score and performance-level information at a glance
- view a snapshot of individual student performance based on Michigan's Academic Standards
- view raw score data on science domains and social studies disciplines

The data displayed in the table is:

- Total number of valid tests
- Mean scale score
- Percent of valid tests in each performance level (Not proficient, Partially Proficient, Proficient, and Advanced)
- Number of valid tests in each performance level (Not proficient, Partially Proficient, Proficient, and Advanced) – displayed in the hover feature

Rostered Student Description – 2

Students meeting the selected filter criteria are displayed in ascending alphabetical order by last name, then first name. The sort sequence may be changed to sort in descending alphabetical order. The following data is displayed in this section.

- Number of students displayed in the student roster – all students who tested in the selected filters including students with invalid tests
- Student Name as last name, first name, middle initial – student name is sortable

- Unique Identification Code (UIC) – displayed when clicking the Information or ⓘ icon
- Date of Birth (DOB) – displayed when the Information or ⓘ icon is clicked

PSAT 8/9 Grade 8 Roster Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students
- make decisions about continuous improvement goals and strategies for schools or districts

Overall Content Performance (Table Format) – 3

Overall content area scale scores—including standard error and the associated performance level—are provided as a graphic and as a table. Scale score ranges for each performance level are also shown on the graphic.

Growth Data includes Growth Score, Growth Target Score, and Growth Target Time Frame. Growth Scores (SGP), Growth Target Scores (AGP), and Growth Target Time Frames will be available after the initial release of student reports.

Growth Scores range from 1 to 99, with 50 being average, and represent the percent of comparable students—those who took the same test and had similar prior test scores—who had growth lower than that student. For example, a Growth Score of 60 means the student had higher growth than 60 percent of comparable students.

Growth Target Scores also range from 1 to 99 and represent the amount growth above or below average a student needs to maintain year-over-year to reach or to maintain proficiency by the end of the set number of years. For example, consider a Growth Target Score of 80 this means the student must maintain considerably above average growth year-over-year to reach or to maintain proficiency by the end of the set number of years.

Growth Target Time Frames range from one to three and are the number of years expected for a student to reach or to maintain proficiency. Growth Target Time Frames are set based on how long it has historically taken similar students to reach or to maintain proficiency.

For each selected student, the following is displayed:

- **Scale Score:** The scale score is sortable. Sorting by scale score will result in a list of the selected students in order of scale score (ascending or descending – selecting “Scale Score” once sorts in ascending order, while selecting twice sorts in descending order).
- **Standard Error:** (gray band in graphic)
- **Performance Levels:**
 - NP = Not Proficient
 - PP = Partially Proficient
 - P = Proficient
 - A = Advanced
- **Growth Score (SGP):** will be available after the initial release of reports.
 - The SGP is sortable. Sorting by SGP will result in a list of selected students in order of SGP (ascending or descending – selecting “SGP” once sorts in ascending order, while selecting twice sorts in descending order).

- **Growth Target (AGP):** will be available after the initial release of reports.
 - The AGP is sortable. Sorting by AGP will result in a list of selected students in order of AGP (ascending or descending – selecting “AGP” once sorts in ascending order, while selecting twice sorts in descending order).
- **Time Frame:** will be available after the initial release of reports.
 - The Time Frame is sortable. Sorting by Time Frame will result in a list of selected students in order of Time Frame, with AGP as secondary sort (ascending or descending – selecting “Time Frame” once sorts in ascending order, while selecting twice sorts in descending order).

Overall Content Performance (Graphic Format) – 4

The performance data for each selected student is also displayed in graphic format. In addition, the ranges for the four performance levels are provided in the legend.

Individual Test Scores and Subscore Data – 5

Individual test scores for Reading, Writing and Language, and Mathematics are provided as scale scores between 6-36. Students at the lowest score bands are beginning to obtain basic foundational skills to be college ready. Increases in the score band indicate that students are capable of more complex college-ready skills.

- The reading component of the Evidence-Based Reading and Writing (EBRW) test measures comprehensive and reasoning skills, focusing on close reading of passages in a wide array of subject areas.
- The Writing and Language component of the EBRW test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.

- The Mathematics test includes a range of mathematics practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores

Subscores between 1-15 for the Evidence-Based Reading and Writing and Mathematics provide detail about student performance.

Evidence-Based Reading and Writing

- **Command of Evidence** – questions focus on the assessment of students’ ability to understand, to evaluate, and to make use of textual evidence, including facts, details, and statistics.
- **Words in Context** – questions focus on the assessment of students’ ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.
- **Expression of Ideas** – questions focus on the assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- **Standard English Conventions** – questions focus on the assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Mathematics

- **Heart of Algebra** – questions focus on the assessment of students’ skills with linear equations and systems of linear equations.
- **Problem Solving and Data Analysis** – questions focus on the assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and to analyze data.

College Board Test and Subscore Indicators

College Board provides test score and subscore indicators to summarize student grade-level readiness for college and career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following achievement indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**
- **CSV Download** – two downloadable files that contain all student data that is contained on the report. One file contains the data in the overall proficiency summary, and the other file contains the data from the student roster.
- **CSV File Format** – file that describes the data contained in the CSV downloads.
- **PDF Download** – To view a pdf of the report, select “PDF Download.” This will open a pdf document of the reports, according to your selected filters.

Report Features

Features of the PSAT Grade 8 Roster Report are described below.

Sort Options

There are several sort options available in the report:

- **Growth Score (SGP)** – Growth Score can be sorted from high to low on the first selection; if selected a second time, the Growth Score sorts from low to high.

- **Growth Target (AGP)** – Growth Target can be sorted from high to low on the first selection; if selected a second time, the Growth Target sorts from low to high.
- **Time Frame** – Growth Target Time Frame can be sorted from high to low on the first selection; if selected a second time, the Growth Target sorts from low to high. The secondary sort for Growth Target Time Frame is the Growth Target score.
- **Student Name** – The initial display of the report is in alphabetical order with invalid reports grouped at the bottom of the report. Users can select to sort in reverse alphabetical order; invalid reports will display at the top.
- **Scale Score** – Scale Score can be sorted from high to low on the first selection; if selected a second time, the Scale Score sorts from low to high.

Drill-Down

The Student Roster Report includes a drill-down feature that enables the user to select the student's name on the Student Roster Report to open an Individual Student Report.

After a user has selected a student name to drill-down into the Individual Student Report and the Individual Student Report displays, a breadcrumb area appears below the District/School entity information that displays 'Student Roster Report > Individual Student Report'. Each report name in the breadcrumb is an active link. To return to the Student Roster Report, the user selects 'Student Roster Report'.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the 'Choose Report' drop-down menu.

PSAT 8/9 for Grade 8 Student Overview

The Grade 8 Student Overview Report provides summary information about student performance on the PSAT™ 8/9 in English language arts and Mathematics and the Michigan Student Test of Educational Progress (M-STEP) in Science and Social Studies.

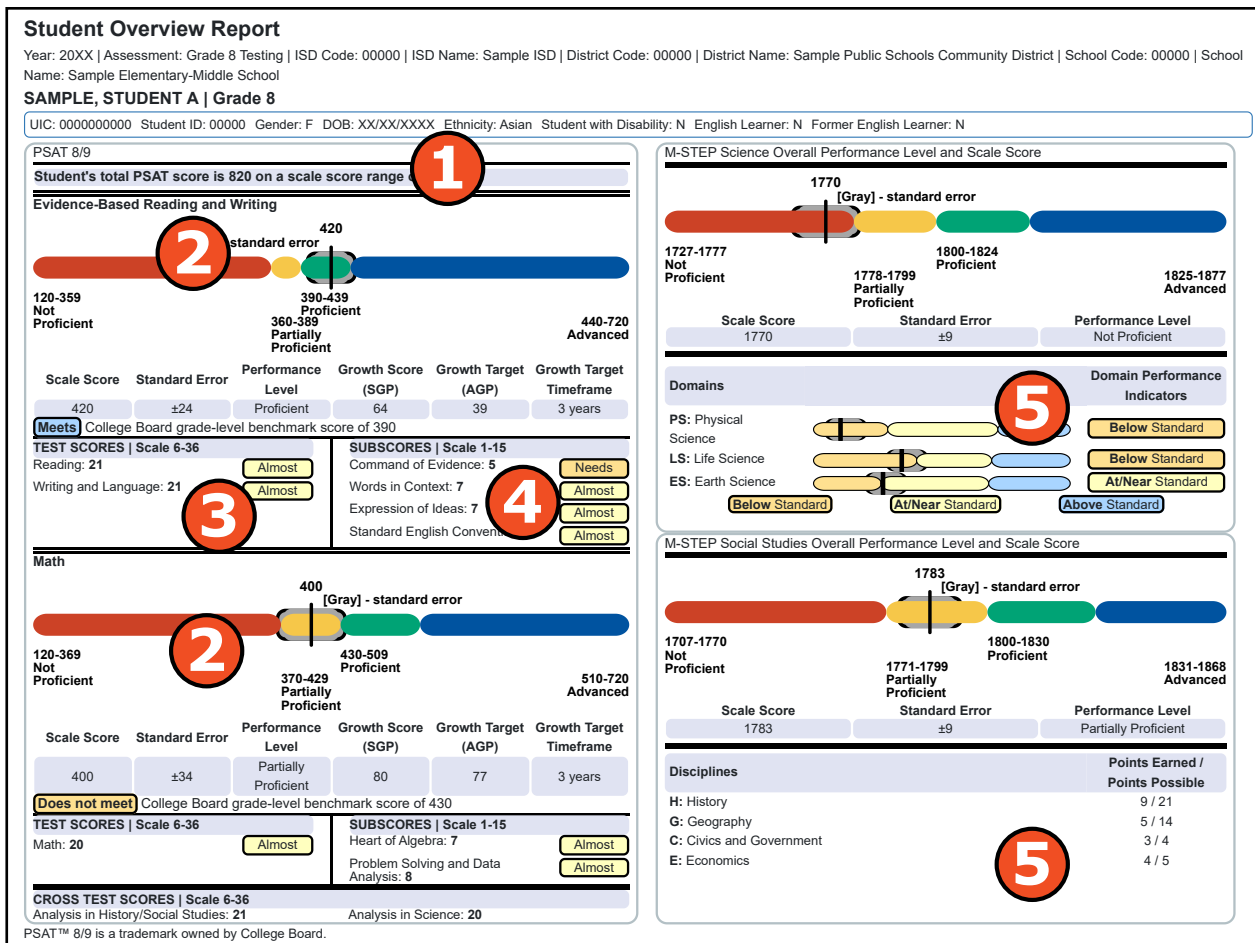
The report is divided into five main sections:

- 1 PSAT Total Score
- 2 PSAT 8/9 Section Scores
- 3 Individual Test Scores
- 4 Subscores
- 5 M-STEP Subscores

PSAT Total Score – 1

The Total Score is the sum of two section scores: Evidence-based Reading and Writing (EBRW) and Mathematics.

Overall content area scale scores, including standard error and the associated performance level, are provided as a graphic and as a table. Scale score ranges for each performance level are also shown on the graphic.



Section Scores – 2

- The Evidence-Based Reading and Writing score is derived from the reading test score and the Writing and Language test score.
- The Mathematics Section Score is derived from the Mathematics test score.
- The PSAT 8/9 Grade 8 benchmark scores are indicators displayed on the student's PSAT Score Report provided by the College Board.

- PSAT Grade 8 benchmarks apply to both to Mathematics and to Evidence-Based Reading and Writing.
- Students meeting the PSAT 8/9 Grade 8 benchmark are on track for college readiness upon graduation from high school.
- The College Board PSAT Grade 8 benchmarks and the MDE proficient cut scores shown on this report are the same.
- Growth Data are available after the initial release of assessment reports and include:
 - Growth Score (SGP)
 - Growth Target (AGP)
 - Growth Target Time Frame

There is no growth data for science or social studies as a result of the two COVID-impacted test administrations in Spring 2020 and Spring 2021. This year's grade 8 students do not have the prior scores necessary to generate growth score data.

Growth Scores range from 1 to 99, with 50 being average, and represent the percent of comparable students—those who took the same test and had similar prior test scores—who had growth lower than that student. For example, a Growth Score of 60 means the student had higher growth than 60 percent of comparable students.

Growth Target Scores also range from 1 to 99 and represent the amount growth above or below average a student needs to maintain year-over-year to reach or to maintain proficiency by the end of the set number of years. For example, consider a Growth Target Score of 80. This means the student must maintain considerably above average growth year-over-year to reach or to maintain proficiency by the end of the set number of years.

Growth Target Time Frames range from one to three years and are the number of years expected for a student to reach or to maintain proficiency. Growth Target Time Frames are set based on how long it has historically taken similar students to reach or to maintain proficiency.

Student Overview Report

This report helps schools to:

- space and add paragraph under this bullet:
- inform, when used with other local assessment data, about student proficiency and progress toward proficiency based on Michigan's Academic Standards
- view overall summary score and performance-level information at a glance
- view a snapshot of individual student performance based on Michigan's Academic Standards
- view PSAT 8/9 Evidence-Based Reading and Writing and Math subscores

Student Overview Report

Schools should not use this report to:

- make program/placement decisions for individual students, unless required by law
- make day-to-day instructional decisions for individual students
- make decisions about continuous improvement goals and strategies for schools or districts

Individual Test Scores – 3

- The Reading component of the Evidence-Based Reading and Writing (EBRW) test measures comprehensive and reasoning skills, focusing on close reading of passages in a wide array of subject areas.

- The Writing and Language component of the EBRW test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.
- The Mathematics test includes a range of mathematics practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores – 4

The EBRW and Mathematics assessments report multiple subscores for Reading, Writing and Language, and Mathematics, all ranging from one to 15 points. Subscores provide more detail about student achievement.

Subscores of the Reading Test and the Writing and Language Test:

- **Command of Evidence** – questions focus on the assessment of students’ ability to understand, to evaluate, and to make use of textual evidence including facts, details, and statistics.
- **Words in Context** – questions focus on the assessment of students’ ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.

Additional Subscores of the Writing and Language Test:

- **Expression of Ideas** – questions focus on the assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- **Standard English Conventions** – questions focus on the assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Subscores of the Mathematics Test:

- **Heart of Algebra** – questions focus on the assessment of students’ skills with linear equations and systems of linear equations.
- **Problem Solving and Data Analysis** – questions focus on the assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.

College Board Test and Subscore Indicators

College Board provides test score and subscore indicators to summarize student grade-level readiness for college and career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following achievement indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

M-STEP Subscore (Discipline or Domain) Performance Data – 5

- Social studies content standards are organized by disciplines. Raw scores—points earned out of total points possible—are reported for each discipline and Grade Level Content
- Expectation (GLCE) within the discipline. Raw scores are not comparable across test forms.
- Science content standards are organized by domains. Performance indicators are reported for each domain.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**

- **PDF Download** – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option.

Report Features

Features of the Student Overview Report are described in the following content.

Go to Student

The Go to Student menu allows the user to go directly to the generated report for the selected student.

About the Data

- Student Overview Reports are available for paper/pencil and online test takers.
- Tests marked “invalid” display the invalid reason.
- Overall content performance is marked on the graphic to indicate the student’s overall scale score and standard error.
- Each color band of the graphic indicates a performance level:
 - Blue is Advanced
 - Green is Proficient
 - Yellow is Partially Proficient
 - Red is Not Proficient
- The color bands contain a minimum and maximum scale score range for that performance level.
- A table below the overall content performance graphic provides the overall content performance data in tabular form.
- Growth Score (SGP) (previously called Student Growth Percentiles) will be reported after the initial release of the student reports.
- Growth Target (AGP) and Growth Target Time Frame (previously called Adequate Growth Percentiles) will be reported after the initial release of the student reports.

- Social studies report discipline results as raw scores (points earned/points possible).

Data Definitions

- **Discipline:** Disciplines are used as a means to organize content standards and expectations. Disciplines apply to social studies.
- **Domains:** Domains are used to group the three-dimensional science standards using similar disciplinary core ideas. Domains apply to science.
- **Growth Score (SGP):** (Previously called Student Growth Percentiles) Describe a student’s learning over time compared to other students with comparable prior test scores. Percentiles range from 1 to 99 and indicate how many scores in the comparison group are below that score.
- **Growth Target (AGP):** (Previously called Adequate Growth Percentiles) The amount of growth necessary to reach or to maintain proficiency within a set time frame. Percentiles range from 1 to 99 and indicate how much growth is required in order for the student to achieve proficiency in the time frame score.
- **Growth Target Time Frame:** Shows the amount of time the growth target (AGP) model is expecting the student to take to reach or to maintain proficiency. Time Frames range from one to three years and indicate how many years it will take for the student to achieve proficiency if they meet the Growth Target Score.
- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Raw Score:** Points earned/total points possible. Raw scores are not comparable across different forms of the test.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

PSAT 8/9 for Grade 8 Student Growth and Proficiency Report

The PSAT™ 8/9 Student Growth and Proficiency Report provides information about student growth by content area. Each student in grade 8 will have a separate Student Growth and Proficiency report for PSAT 8/9 Evidence-Based Reading and Writing (EBRW), PSAT 8/9 Mathematics, and M-STEP Social Studies.

EBRW and Mathematics reports will have Growth Scores and Growth Target. M-STEP Social Studies will have Growth Scores only, and there will be no Growth and Proficiency scores for Science. Student growth data is not available for the M-STEP Science test because there are no prior year test scores available.

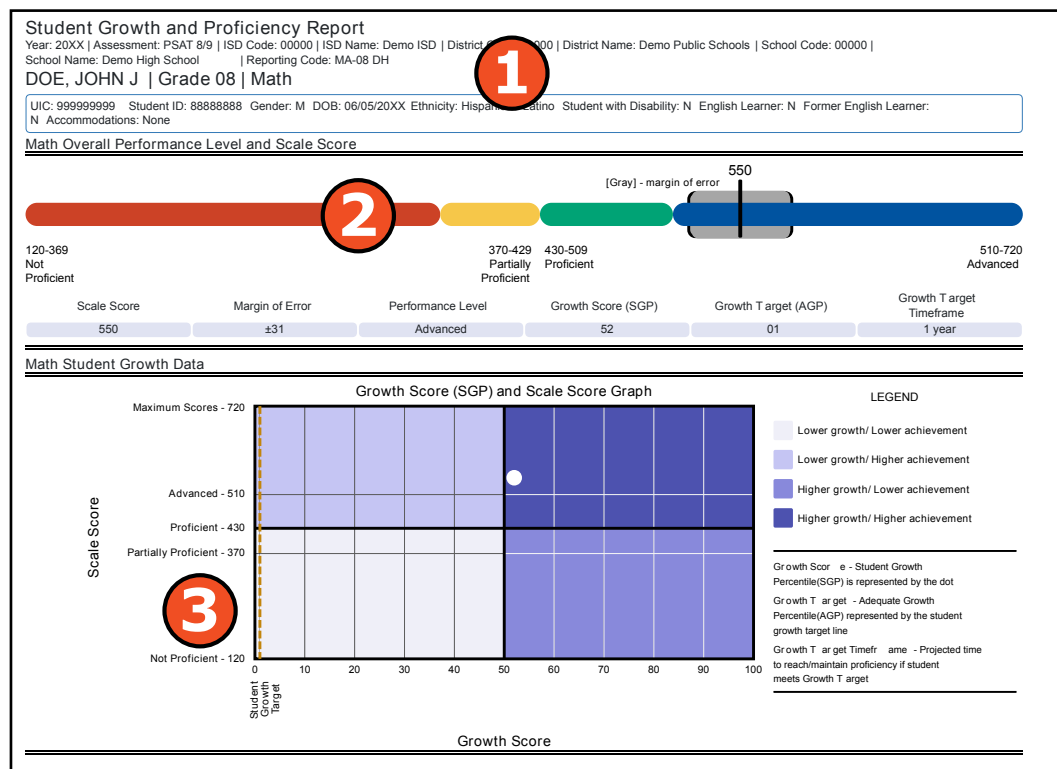
Grades 8 and 11 Social Studies do not include Growth Target (AGP) or Growth Target Time Frame data. This is because AGP/Time Frame scores are projections that are reportable based on the prior year assessment score and are based on projections of one to three years. Due to the gap of three years or more between assessments in this content area at these grade levels, MDE does not report Growth Target data for grades 8 and 11 social studies.

The report is divided into three main sections:

- 1 Student Demographic Information
- 2 Overall Content Performance
- 3 Student Growth Data Graph

Student Demographic Information – 1

This section provides identifying information about the student including name, grade, gender, date of birth, race/ethnicity, Unique Identification Code (UIC), and, if provided by the school, the district student ID. The report will indicate if the student has been marked as a Student with Disability, English Learner, or Former English Learner in the Michigan



Student Growth and Proficiency Report

This report helps schools to:

- view overall summary score and performance level information at a glance
- view a snapshot of student performance
- view a snapshot of student growth target and Time Frame to reach or to maintain proficiency
- inform, when used along with local assessment data, about student proficiency and progress toward proficiency based on Michigan's Academic Standards

Student Growth and Proficiency Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students
- make decisions about continuous improvement goals and strategies for schools or districts

Student Data System (MSDS). Additionally, any designated supports or accommodations the student received as indicated by the DRC INSIGHT Portal or the paper/pencil Answer Document are displayed. The report will indicate if the student has been marked as a Student with Disability, English Learner, or Former English Learner in the Michigan Student Data System (MSDS).

Also, any designated supports or accommodations the student received will be listed.

Overall Content Performance – 2

Overall content area scale scores, including standard error and the associated performance level, are provided as a graphic and as a table. Scale score ranges for each performance level are also shown on the graphic.

Growth Data are available and includes:

- Growth Score (SGP)
- Growth Target (AGP)
- Growth Target Time Frame

Growth scores describe a student's learning over time compared to other students who took the same test and had similar prior test scores. Growth Scores are percentiles that range from 1 to 99, with 50 being the average, and indicate how many scores in the comparison group are below that score. For example, a Growth Score of 60 means the student had higher growth than 60 percent of comparable students.

Growth Target Scores also range from 1 to 99 and represent the amount of growth above or below average a student needs to maintain year-over-year to reach or to maintain proficiency by the end of the set number of years. For example, consider a Growth Target Score of 80. This means the student must maintain considerable above average growth year-over-year to reach or to maintain proficiency by the end of the set number of years.

Growth Target Time Frames range from one to three and are the number of years expected for a student to reach or to maintain proficiency. Growth Target Time Frames are set based on how long it has historically taken similar students to reach or to maintain proficiency.

Student Growth Data Graph – 3

The Growth Score (SGP) and Scale Score Graph plots student growth score against student scale score.

The x-axis (horizontal axis) of the graph labels the Growth Scores and ranges from 1-99. Student Growth Target is also displayed with a vertical dotted line.

The y-axis (vertical axis) of the graph labels the student's scale score. Scale score is labeled for each Performance Level range. Scale score ranges for Not Proficient, Partially Proficient, Proficient, and Advanced and are labeled. The highest possible scale score is also labeled. The Proficient label is marked by a bold black line that separates the "lower achievement" sections from the 'higher achievement' sections.

The student's growth score plotted against the scale score is marked by a dot. This dot indicates which section the student's growth and scale score represents. The key to the right of the graph identifies four sections.

Each section is identified:

- Lower growth/lower achievement
- Lower growth/higher achievement
- Higher growth/lower achievement
- Higher growth/higher achievement

The legend to the right of the graph describes each data point for Growth Score, Growth Target, and Time Frame.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**
- **PDF Download** – To view a PDF of the report, select "PDF Download." This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option.

Report Features

Features of the Student Growth and Proficiency Report are described below.

Go to Student

The Go to Student menu allows the user to go directly to the generated report for the selected student.

About the Data

- Student Growth and Proficiency Reports are available for paper/pencil and online test takers.
- Tests marked "invalid" display the invalid reason.
- Overall content performance is marked on the graphic to indicate the student's overall scale score and standard error.
- Each color band of the graphic indicates a performance level:
 - Blue is Advanced
 - Green is Proficient
 - Yellow is Partially Proficient
 - Red is Not Proficient
- The color bands contain a minimum and maximum scale score range for that performance level.
- A table below the overall content performance graphic provides the overall content performance data in tabular form.

Data Definitions

- **Growth Score (SGP):** (Previously called Student Growth Percentiles) Describe a student's learning over time compared to other students with comparable prior test scores. Percentiles range from 1 to 99 and indicate how many scores in the comparison group are below that score.
- **Growth Target (AGP):** (Previously called Adequate Growth Percentiles) The amount of growth necessary to reach or to maintain proficiency within a set Time Frame. Percentiles range from 1 to 99 and indicate how much growth is required in order for the student to achieve proficiency in the Time Frame score.
- **Growth Target Time Frame:** The amount of time the growth target (AGP) model is expecting the student to take to reach or to maintain proficiency. Time Frames range from one to three years and indicate how many years it would take for the student to achieve proficiency if they meet the Growth Target Score.
- **Standard Error:** Educational measurements are attempts to capture a student's true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Aggregate Reports

Aggregate Reports refer to the assessment reports that provide a summary and analysis of the performance data from groups of students. These reports are generated by aggregating the individual assessment results of multiple students at various levels such as school, district, or even statewide.

Aggregate Reports are intended for authorized district and school use only. The reports do not mask small quantities of students and therefore may contain federally protected student information. For public sharing, aggregate data from [MiSchoolData](http://www.mischooldata.org) (www.mischooldata.org) should be used.

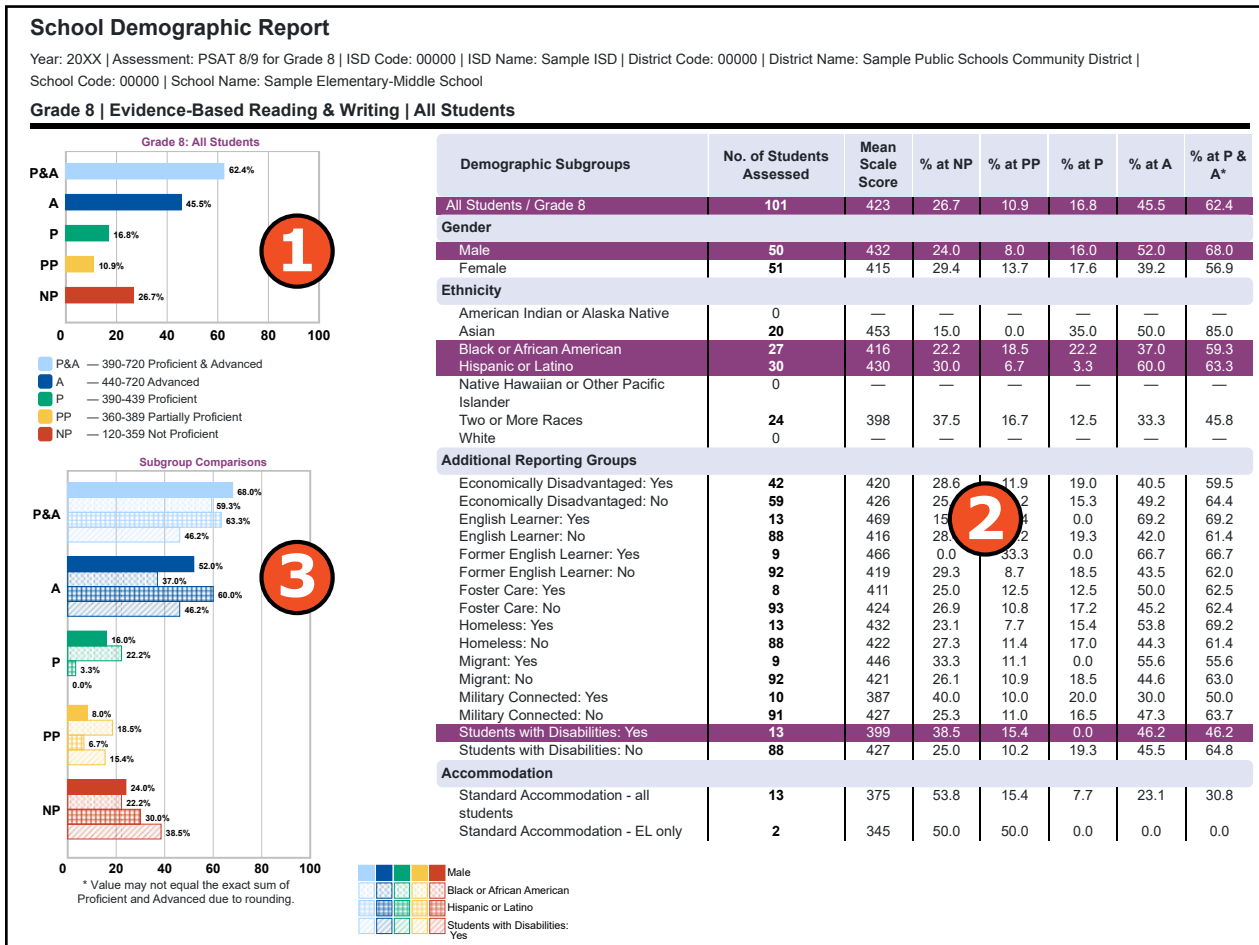
PSAT 8/9 for Grade 8 Demographic Report

The Demographic Report is available both for PSAT 8/9 in Evidence-Based Reading and Writing, and Mathematics and for M-STEP social studies.

The report provides a comparison of students by grade and content, aggregated across selected demographic groups, showing the percentages of students at each performance level (Not Proficient, Partially Proficient, Proficient, Advanced, and Proficient and Advanced Combined). The Demographic Report is available at the school, district, and state levels.

The report is divided into three main sections:

- 1 Overall Performance Level Percentages Graphic
- 2 Demographic Subgroup Performance Level Data Table
- 3 Demographic Subgroup Performance Level Percentages Graphic



Overall Performance Level Percentages Graphic – ①

A horizontal bar graph displays the percentages of Advanced, Proficient, Partially Proficient, and Not Proficient students among all students in the selected student population, grade, and content area. The legend beneath the graph(s) provides the scale score ranges associated with each performance level.

Demographic Subgroup Performance Level Data Table – ②

Performance level data—including the number of students assessed, the mean scale score, and the percentages of students in each performance level (Advanced, Proficient, Partially Proficient, Not Proficient, and Advanced and Proficient Combined)—for all students and for the reported demographic subgroups are displayed in a table.

The demographic subgroups reported are:

- Gender
 - Male
 - Female
- Ethnicity
 - American Indian or Alaska Native
 - Asian
 - Black or African American
 - Hispanic or Latino
 - Native Hawaiian or Other Pacific Islander
 - Two or More Races
 - White

Demographic Report

This report helps schools to:

- compare overall performance for each aggregated group of students if assessment participation and instructional modality were consistent across the school or district
- compare school performance to other schools in the district if assessment participation and instructional modality were consistent across the district
- identify needs for academic program improvement or continuous improvement goals
- analyze summary performance by demographic group while considering assessment participation and instructional modality for the demographic group
- compare demographic group performance to overall performance if assessment participation and instructional modality were consistent across the school or district
- identify areas of strength and weakness by demographic group while considering assessment participation and instructional modality for the demographic group
- analyze curricular alignment and impact by demographic group
- identify achievement gaps by demographic group
- analyze school-level overall performance
- analyze curricular alignment to Michigan Academic Standards

Demographic Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students
- compare school, district, or state results due to differences in instructional modality and participation

- Additional Reporting Groups
 - Economically Disadvantaged: Yes
 - Economically Disadvantaged: No
 - English Learner: Yes
 - English Learner: No
 - Former English Learner: Yes
 - Former English Learner: No
 - Foster Care: Yes
 - Foster Care: No
 - Homeless: Yes
 - Homeless: No
 - Migrant: Yes
 - Migrant: No
 - Military Connected: Yes
 - Military Connected: No
 - Students with Disabilities: Yes
 - Students with Disabilities: No

Demographic Subgroup Performance Level Percentages Graphic – 3

The user may select up to eight demographic subgroups in the demographic table to compare against the overall student population. Each selected demographic subgroup will be highlighted and a graph entitled “Subgroup Comparisons” with a corresponding horizontal bar graph will display under the overall performance level graph. Patterns and different colors are applied to represent each subgroup and the legend below the graph is updated to display the color and pattern for each selected demographic subgroup displayed in the graph.

Report Features

Features of the Demographic Report are described below.

Student Population

The population of students to be displayed may be selected by the user. Users may select from the following student populations.

- All Students – this is the default
- All Except Students with Disabilities – students who are not marked Special Education in the Michigan Student Data System (MSDS) at the time of testing
- Students with Disabilities – students who are marked Special Education in MSDS at the time of testing

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**
- **CSV Download** – downloadable file that contains all student data that is contained on the report, according to your selected filters.
- **CSV File Format** – file that describes the data contained in the CSV download.
- **PDF Download** – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters.

Drill-Down

The School Demographic Report includes a drill-down feature that enables the user to select the link in the Number of Students Assessed column to open a Student Roster Report, which includes the students represented in the aggregated group. When the Number of Students Assessed is zero, the ‘0’ is not an active link. Note: In some instances, the number of students displayed may differ between the School Demographic Report and the generated Student Roster Report. This is because the Demographic Report does not include invalid tests, while the Student Roster Report does include invalid tests.

After a user has selected the link to drill-down into the represented aggregate group, a breadcrumb area appears below the District/School entity information that displays 'School Demographic Report > Student Roster Report'. To return to the School Demographic Report, the user selects 'School Demographic Report'.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the 'Choose Report' drop-down menu.

The Drill-Down feature is not available on the State or District level Demographic Reports.

About the Data

- Demographic Reports are available for paper and pencil and online test takers.
- Only valid test scores are included in the reported results.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.
- Percentages of the four performance levels may not total 100% due to rounding.
- The reported combined percentage of Proficient (P) plus Advanced (A) may not equal the sum due to rounding.

- The first horizontal bar graph displays the percentage of students scoring at each proficiency level for the selected grade, content, and student population (All Students, Students with Disabilities, or All Except Students with Disabilities).
- If a demographic subgroup is selected on the table, the comparison horizontal bar graph will display the same grade, content, and student population for the demographic group selected (an example may be *All Eighth Grade Students with Disabilities* being compared to Eighth Grade *Female* Students with Disabilities).

Data Definitions

- **Mean Scale Score:** The mean scale score for a group of students is determined by summing the valid scale scores across that group (within a grade and content area) and dividing by the number of valid scores used for the summed total.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

PSAT 8/9 for Grade 8 Comprehensive Report

The PSAT 8/9 for Grade 8 and the Michigan Student Test of Educational Progress (M-STEP) Comprehensive Reports provide a comparison of students by grade and content, aggregated across schools, showing the percentages proficient at each performance level (Advanced, Proficient, Partially Proficient, and Not Proficient). The Comprehensive Reports are available at the district level.

The report is divided into three main sections:

- 1 Overall Performance Level Percentages Graphic
- 2 Entity Performance Level Data Table
- 3 School Performance Level Percentages Graphic

Overall Performance Level Percentages Graphic – 1

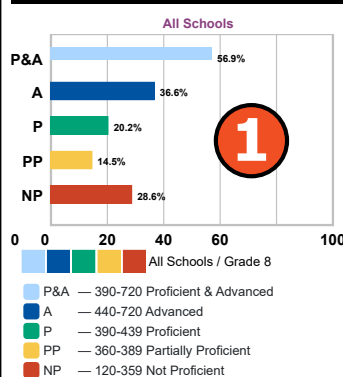
For all students with valid test scores in the selected grade, student population, and displayed content, the percentages of Advanced, Proficient, Partially Proficient, and Not Proficient students are displayed in a horizontal bar graph. The legend beneath the graph provides the scale score ranges associated with each performance level.

Users can select All Schools/All Grades to view student performance in the content area across schools and grades.

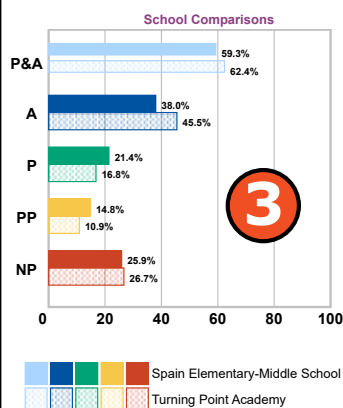
District Comprehensive Report

Year: 20XX | Assessment: PSAT 8/9 for Grade 8 | ISD Code: 00000 | ISD Name: Sample ISD | District Code: 00000 | District Name: Sample Public Schools Community District

Grade 8 | Evidence-Based Reading & Writing | All Students



Schools In District	No. of Students Assessed	Mean Scale Score	% at NP	% at PP	% at P	% at A	% at P & A*
All Schools / Grade 8	737	414	28.6	14.5	20.2	36.6	56.9
Sample School District	82	375	45.1	18.3	17.1	19.5	36.6
Sample Academy	6	328	83.3	0.0	16.7	0.0	16.7
Sample Elementary-Middle School	548	420	9	14.8	21.4	38.0	59.3
Sample Academy	101	423	7	10.9	16.8	45.5	62.4



PSAT 8/9 for Grade 8 Comprehensive Report

This report helps schools to:

- compare overall performance for each aggregated group of students
- identify needs for academic program improvements or continuous improvement goals
- analyze school-level overall performance
- compare school performance to other schools in the district
- analyze curricular alignment to Michigan Academic Standards

PSAT 8/9 for Grade 8 Comprehensive Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students

Entity Performance Level Data Table – ②

Performance level data are displayed for the schools in the district, excluding nonpublic schools. This data includes the number of students assessed, the mean scale score, and the percentages of students in each performance level—Not Proficient, Partially Proficient, Proficient, Advanced—as well as the combined percentage of Proficient and Advanced.

School Performance Level Percentages Graphic – ③

The user may select a school in the table to compare against the overall district performance data. The selected school will be highlighted, and a corresponding horizontal bar graph of the performance level percentages will display under the overall performance level graph.

Report Features

Features of the Comprehensive Report are described in the [Dynamic Score Reporting Site User Guide](https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf) (https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf).

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- **About this Report**
- **CSV Download** – downloadable file that contains all student data that is contained on the report, according to your selected filters.
- **CSV File Format** – file that describes the data contained in the CSV download.
- **PDF Download** – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters.

Drill-Down Feature

Drill down features of reports are detailed in the [Dynamic Score Reporting Site User Guide](https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf) (https://www.michigan.gov/mde/-/media/Project/Websites/mde/OEAA/General/Dynamic-Score-Reporting-Site-User-Guide.pdf).

The District Comprehensive Report includes a drill-down feature that enables the user to select the name of the school in the report to open the School Demographic Report.

After a user has selected the link to drill-down into the School Demographic Report, a breadcrumb area appears below the District/ School entity information, displaying “District Comprehensive Report > School Demographic Report.” To return to the District Comprehensive Report, the user selects “District Comprehensive Report.”

About the Data

- Only valid test scores are included in the reported results.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are excluded from reported results.
- Percentages of the four performance levels may not total 100% due to rounding.
- The reported combined percentage of Proficient (P) plus Advanced (A) may not equal the sum due to rounding.

Data Definitions

- **Mean Scale Score:** The mean scale score for a group of students is determined by summing the valid scale scores across that group (within a grade and content area) and dividing by the number of valid scores used for the summed total.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

PSAT 8/9 for Grade 9 Individual Student Report

The PSAT 8/9 Grade 9 Individual Student Report (ISR) provides information about student performance in two content areas: Evidence-Based Reading and Writing and Math.

Appropriate Uses of the Data in this Report

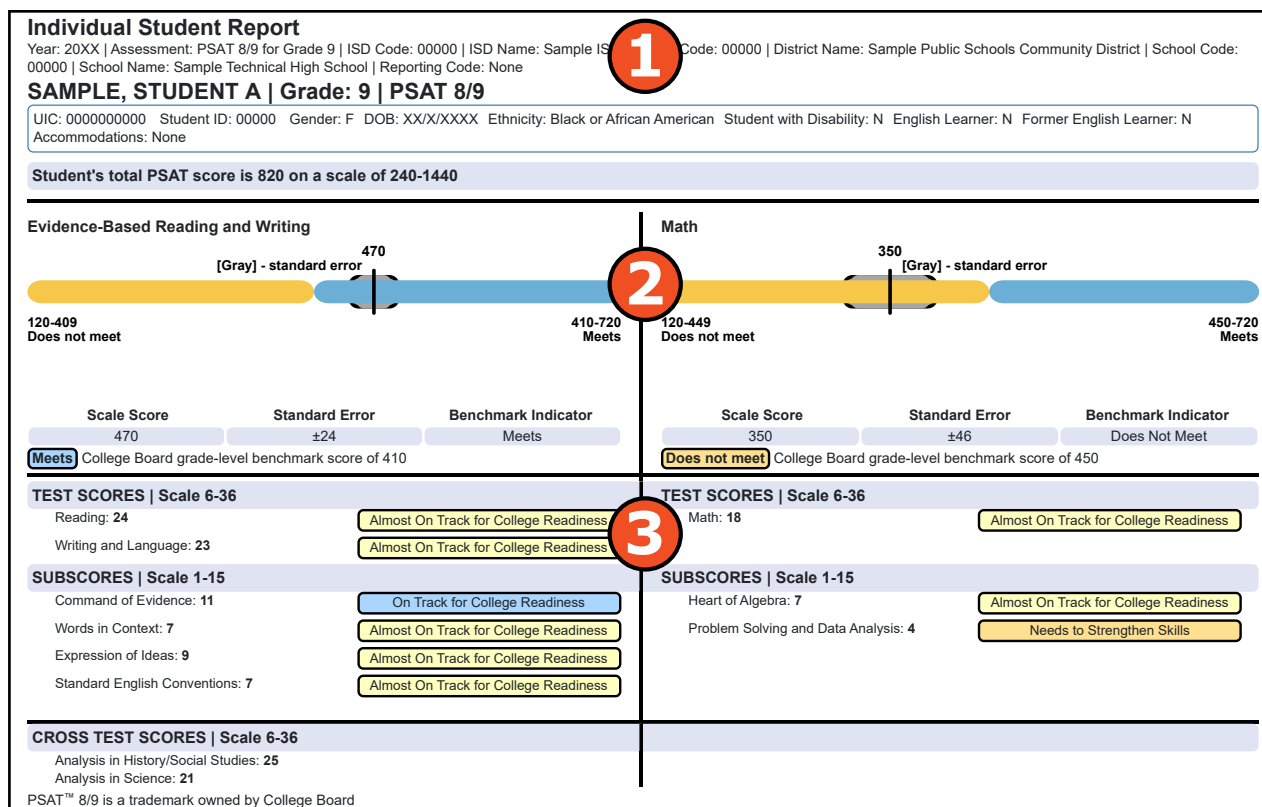
Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

The report is divided into three main sections:

- 1 Student Demographic Information
- 2 Overall Content Performance
- 3 Individual Test Scores, Subscores, and Cross-Test Scores

Student Demographic Information – 1

This section provides identifying information about the student including name, grade, gender, date of birth, race/ethnicity, Unique Identification Code (UIC), and, if provided by the school, the district student ID. The report will indicate if the student has been marked as a Student with Disability, English Learner, or Former English Learner in the Michigan Student Data System (MSDS). Additionally, If the student was assigned accommodations, the accommodations will be listed.



Overall Content Performance – 2

The Total Score is the sum of two section scores: Evidence-based Reading and Writing and Math. If the test is invalid, a reason is provided.

Section Scores

- Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.

- The EBRW score is derived from the reading test score and the writing and language test score.
- Math Section score is derived from the math test score.
- Overall content performance is marked on the graphic to indicate the student's scale score and standard error.
- Each color band of the graphic indicates a benchmark level:
 - Yellow – Does not meet College Board grade-level benchmark
 - Blue – Meets College Board grade-level benchmark
- The color bands show the minimum and maximum scale score for each benchmark indicator.
- The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college and career readiness upon graduation from high school.
- A table below the overall content performance graphic provides the overall content performance data in tabular form.

PSAT 8/9 for Grade 9 Individual Student Report

This report helps schools to:

- view overall summary score and performance level information at a glance
- inform, when used with other local assessment data, about student proficiency and progress toward College Board grade-level benchmark

PSAT 8/9 for Grade 9 Individual Student Report

Schools should not use this report to:

- make program-placement decisions for individual students
- make day-to-day instructional decisions for individual students
- inform decisions about continuous improvement goals and strategies for schools or districts

Individual Test Scores, Subscores, and Cross-Test Scores – 3

Individual Test Scores

- The Reading component of the Evidence-Based Reading and Writing (EBRW) test measures comprehensive and reasoning skills, focusing on close reading of passages in a wide array of subject areas.
- The Writing and Language component of the EBRW test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.
- The Math test includes a range of math practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores

The EBRW and Math assessments report multiple subscores for reading, writing and language, and math, all ranging from 1 to 15 points. Subscores provide more detail about student achievement.

Subscores for Evidence-Based Reading and Writing

- Command of Evidence – assessment of students’ ability to understand, to evaluate, and to make use of textual evidence including facts, details, and statistics.
- Words in Context – assessment of students’ ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.
- Expression of Ideas – assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- Standard English Conventions – assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Subscores for Math

- Heart of Algebra – assessment of students’ skills with linear equations and systems of linear equations.
- Problem Solving and Data Analysis – assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.

College Board Test and Subscore Performance Indicators

College Board provides test score and subscore achievement indicators to summarize student grade-level readiness for college-and-career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following performance indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Cross-Test Scores

From the EBRW and Math section scores, two cross-test scores are reported:

- Analysis in History/Social Studies
- Analysis in Science

Analysis in History/Social Studies and Analysis in Science Cross-Test scores are based on questions in the Reading, Writing and Language, and Math tests that ask students to think analytically about texts and problems in these subject areas.

Menu Options

Filer option information is available in the [Dynamic Score Reporting Site User Guide](#).

Take Action

The take action menu, which is enabled after a report is generated, contains the following options for the report:

- About this Report
- PDF Download – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option. If PDF Download is selected prior to viewing the report, the resulting PDF will be generated according to the selected filters in the Report Navigation Menu.

Report Features

Features of the report are described below.

Go to Student

The Go to Student menu allows the user to go directly to the ISR for the selected student.

Drill-Down

A user may drill-down into an Individual Student Report from the Student Roster Report. When a user accesses the Individual Student Report in this way, the user cannot make any additional filter selections in the report.

About the Data

- Tests marked “invalid” display the invalid reason. Invalid tests are not included in school, district, or state aggregations.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student’s PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.

- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores that would be expected if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale, allowing scores to be compared across different forms of the test.

Privacy Notice: This report contains federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 8/9 for Grade 9 Student Roster Report

The PSAT 8/9 for Grade 9 Student Roster Report provides information about student performance by content area.

Appropriate Uses of the Data in this Report

Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

The report is divided into five main sections:

- 1 Overall Proficiency Summary
- 2 Rostered Student Description
- 3 Overall Content Performance (Table Format) Description
- 4 Overall Content Performance (Graphic Format) Description
- 5 Individual Test Scores and Subscores

Overall Proficiency Summary – 1

Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.

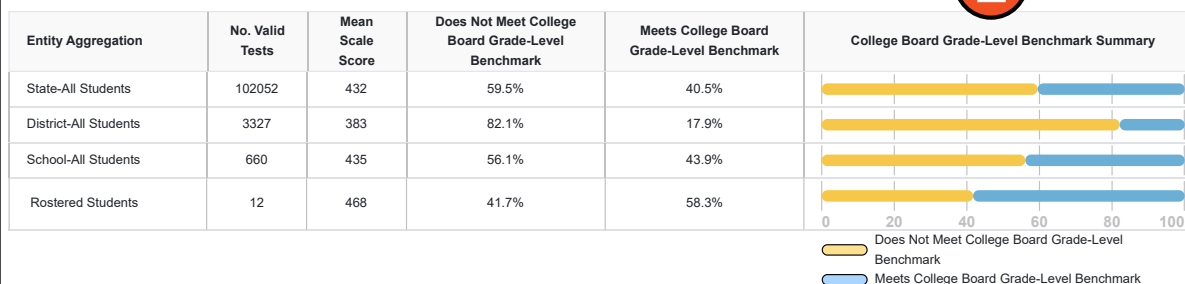
Overall proficiency summary data for each group is displayed in graphic format.

Student Roster Report

Year: 20XX | Assessment: PSAT 8/9 for Grade 9 | ISD Code: 00000 | ISD Name: Sample ISD | District Code: 00000 | District Name: Sample Public Schools Community District | School Code: 00000 | School Name: Sample Technical High School | Reporting Code: All

Grade 9 | Math

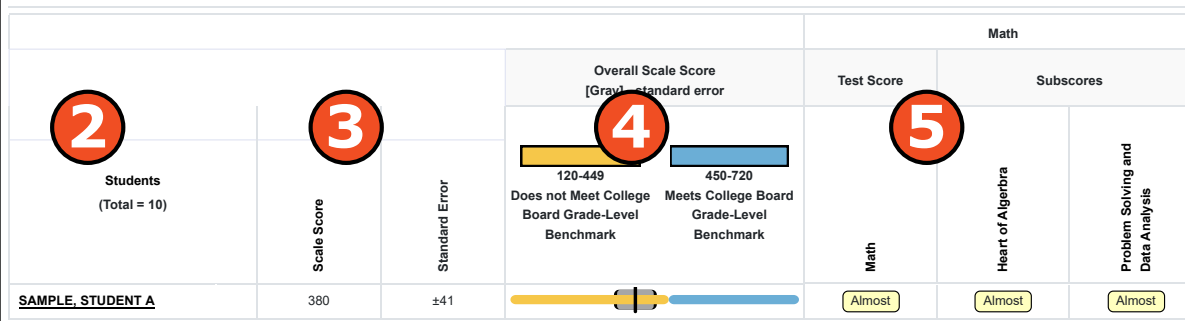
Proficiency Summary



LEGEND

Performance Indicators: Needs to Strengthen Skills Almost On Track for College Readiness On Track for College Readiness

AP Potential Indicators: P – Student has potential to score a 3 or higher on an AP exam S – Student has some potential to score a 3 or higher on an AP exam NA – Student needs to strengthen skills to be successful on an AP exam



- State – All students in the state
- District – All students in the district
- School – All students in the school
- Rostered Students – Students displayed in the roster according to user filter selections

PSAT 8/9 for Grade 9 Student Roster Report

This report helps schools to:

- view overall summary score and College Board grade-level benchmark at a glance
- view and sort student overall scale score and College Board grade-level benchmark in a rostered list of students

PSAT 8/9 for Grade 9 Student Roster Report

Schools should not use this report to:

- make program placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students
- inform decisions about continuous improvement goals and strategies for schools or districts

The data displayed in the table is:

- Total number of valid tests
- Mean scale score
- Percent of valid tests in each College Board grade-level benchmark
 - Does Not Meet/Meets College Board grade-level benchmark

The data displayed in the graph is:

- Percent of valid tests that do not meet/meet College Board grade-level benchmark
- Number of valid tests that do not meet/meet College Board grade-level benchmark is displayed in the hover feature

Rostered Student Description – 2

Students meeting the selected filter criteria are displayed in ascending alphabetical order by last name, then first name. The sorting sequence may be changed to sort in descending alphabetical order.

The following data is displayed in these sections:

- Number of students displayed in the student roster. This represents all students who tested in the selected filters including students with invalid tests.
- Student Name as last name, first name, middle initial. Student name is sortable.
- Unique Identification Code (UIC) displayed when clicking the Information or ⓘ icon
- Date of Birth (DOB) displayed when clicking the Information or ⓘ icon

Overall Content Performance (Table Format) Description – 3

Overall content area scale scores, including standard error and the College Board grade-level benchmark, are provided as a graphic and as a table. Scale score ranges for each grade-level benchmark are also shown on the graphic.

For each selected student, the scale score is sortable. Sorting by scale score will result in a list of the selected students in order of scale score (descending or ascending – selecting “Scale Score” once sorts in descending order, while selecting twice sorts in ascending order).

The student’s PSAT 8/9 for Grade 9 test score indicates the probability of scoring a 3 or higher on one or more Advanced Placement (AP) exams:

- P indicates that the student has potential to score a 3 or higher.
- S indicates that the student has some potential to score a 3 or higher.

- NA indicates that the student needs to strengthen skills in order to be successful on an AP exam.

Overall Content Performance (Graphic Format) Description – 4

The performance data for each selected student is also displayed in graphic format.

- Standard Error (gray band in graphic)
- Each color band of the graphic indicates a College Board grade-level benchmark range:
 - Yellow – Does Not Meet College Board Grade-Level Benchmark
 - Blue – Meets College Board Grade-Level Benchmark
- The color bands contain the minimum and maximum scale score range for that performance level.
- The PSAT 8/9 benchmark score is an indicator displayed on the student's PSAT 8/9 Score Report provided by the College Board. Students meeting the PSAT 8/9 benchmark are on track for college and career readiness upon graduation from high school.

Individual Test Scores and Subscores – 5

Individual Test Scores

- The Reading component of the Evidence-Based Reading and Writing (EBRW) test measures comprehensive and reasoning skills, focusing on close reading of passages in a wide array of subject areas.
- The Writing and Language component of the EBRW test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.
- The Math test includes a range of math practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores

Subscores for Evidence-Based Reading and Writing and Math provide detail about student performance.

Evidence-Based Reading and Writing

- Command of Evidence – questions focus on the assessment of students' ability to understand, to evaluate, and to make use of textual evidence including facts, details, and statistics.
- Words in Context – questions focus on the assessment of students' ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.
- Expression of Ideas – questions focus on the assessment of students' ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- Standard English Conventions – questions focus on the assessment of students' ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Math

- Heart of Algebra – questions focus on the assessment of students' skills with linear equations and systems of linear equations.
- Problem Solving and Data Analysis – questions focus on the assessment of students' ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.

College Board Test and Subscore Performance Indicators

College Board provides test score and subscore achievement indicators to summarize student grade-level readiness for college-and-career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following performance indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Menu Options

Filter option information is available in the Dynamic Score Reporting Site User Guide.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- About this Report
- CSV Download – two downloadable files that contain all student data that is contained on the report. One file contains the data in the overall proficiency summary and the other file contains the data from the student roster.
- CSV File Format – file that describes the data contained in the CSV downloads.
- PDF Download – To view a pdf of the report, select “PDF Download.” This will open a pdf document of the reports, according to your selected filters. You can print individual or small groups of reports from this option. If “PDF Download” is selected prior to viewing a report, the resulting PDF will be generated according to the selected filters in the Report Navigation Menu.

Report Features

Features of the report are described below.

Sort Options

There are several sort options available in the report:

- Student Name – the initial display of the report is in alphabetical order with invalid reports grouped at the bottom of the report. Users can select to sort in reverse alphabetical order; invalid reports will display at the top.
- Scale Score – Scale Score can be sorted from high to low on the first selection; if selected a second time, the Scale Score sorts from low to high.
- Test Score and Subscore – individual Test Scores and Subscores can be sorted by achievement indicators

Drill-Down

The Student Roster Report includes a drill-down feature that enables the user to select the student’s name on the Student Roster Report to open an Individual Student Report.

After a user has selected a student name to drill-down into the Individual Student Report and the Individual Student Report displays, a breadcrumb area appears below the District/School entity information that displays ‘Student Roster Report > Individual Student Report’. Each report name in the breadcrumb is an active link. To return to the Student Roster Report, the user selects ‘Student Roster Report’.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the ‘Choose Report’ drop-down menu.

About the Data

- Tests marked “invalid” display the invalid reason.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student’s PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.
- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Privacy Notice: This Report contains federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 8/9 for Grade 9 Demographic Report

The PSAT 8/9 for Grade 9 Demographic Report provides a comparison of students by grade and content, aggregated across selected demographic groups, showing the percentages of students at each performance level (meets/does not meet grade-level benchmark). The Demographic Report is available at the school, district, and state levels.

Appropriate Uses of the Data in this Report

Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

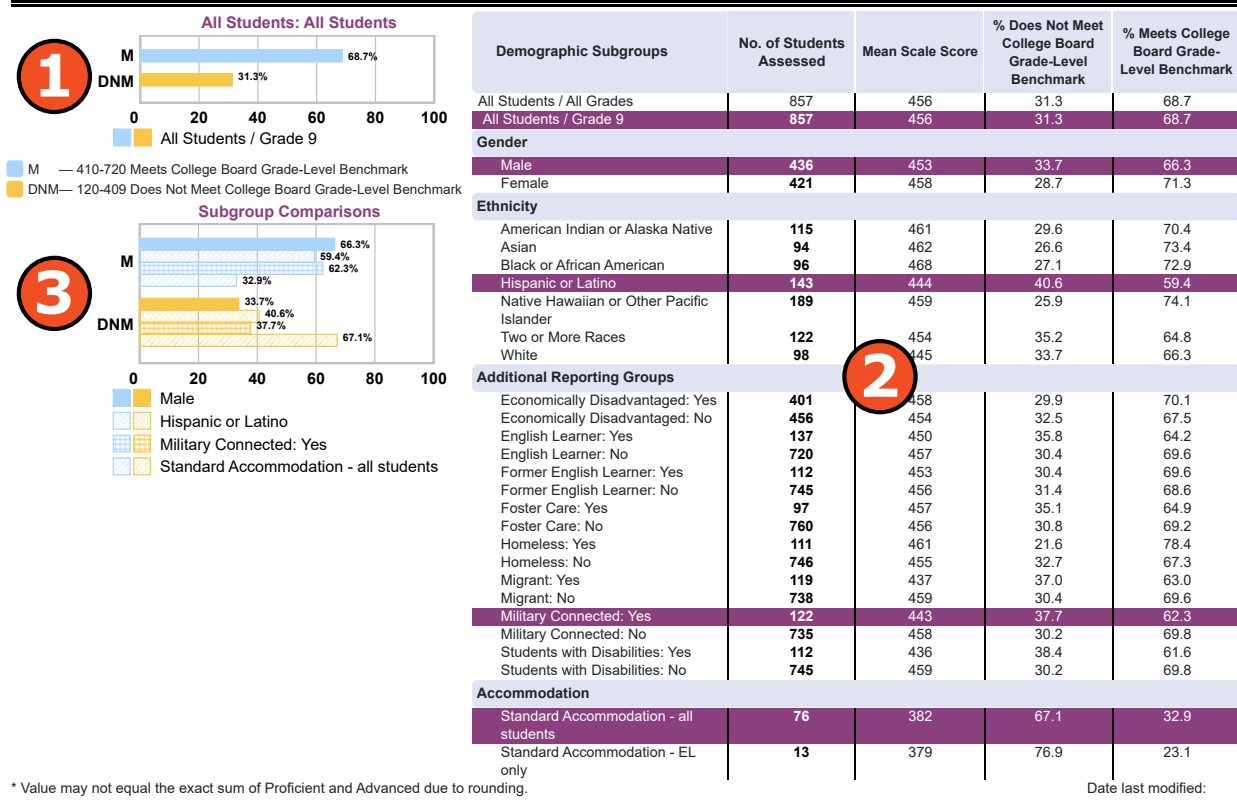
The report is divided into three main sections:

- 1 Overall Performance Level Percentages Graphic
- 2 Demographic Subgroup Performance Level Data Table
- 3 Demographic Subgroup Performance Level Percentages Graphic

School Demographic Report

Year: 20XX | Assessment: PSAT 8/9 for Grade 9 | ISD Code: 00000 | ISD Name: Sample RESA | District Code: 00000 | District Name: Sample Public Schools Community District | School Code: 00000 | School Name: Sample Technical High School

Grade 9 | Evidence-Based Reading & Writing | All Students



Overall Performance Level Percentages Graphic – 1

Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.

A horizontal bar graph displays the percentages of meets/does not meet grade-level benchmark students for all students in the selected student population, grade, and content area. The legend beneath the graph(s) provides the scale score ranges associated with each grade-level benchmark.

Demographic Subgroup Performance Level Data Table – 2

Performance level data, including the number of students assessed, mean scale score, and percentages of students in each grade-level benchmark – meets/does not meet – are displayed for all students and for the reported demographic subgroups in a table.

The demographic subgroups reported are:

- Gender
 - Male
 - Female
- Ethnicity
 - American Indian or Alaska Native
 - Asian
 - Black or African American
 - Hispanic or Latino
 - Native Hawaiian or Other Pacific Islander
 - Two or More Races
 - White
- Additional Reporting Groups
 - Economically Disadvantaged: Yes
 - Economically Disadvantaged: No
 - English Learner: Yes
 - English Learner: No
 - Former English Learner: Yes
 - Former English Learner: No
 - Foster Care: Yes
 - Foster Care: No
 - Homeless: Yes
 - Homeless: No
 - Migrant: Yes

PSAT 8/9 for Grade 9 Demographic Report

This report helps schools to:

- identify needs for academic program improvement or continuous improvement goals
- compare school, district, and state results to identify performance by aggregate group
- analyze summary performance by demographic group
- compare demographic group performance to overall performance
- identify areas of strength and weakness by demographic group
- analyze curricular alignment and impact by demographic group
- identify achievement gaps by demographic group
- inform decisions about continuous improvement goals and strategies for schools or districts

PSAT 8/9 for Grade 9 Demographic Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students
 - Migrant: No
 - Military Connected: Yes
 - Military Connected: No
 - Students with Disabilities: Yes
 - Students with Disabilities: No
- Accommodations
 - Standard Accommodation – all students
 - Standard Accommodation – EL only

Demographic Subgroup Performance Level Percentages Graphic – 3

The user may select up to eight demographic subgroups in the demographic table to compare against the overall student population. Each selected demographic subgroup will be highlighted, and a graph entitled “Subgroup Comparisons” with a corresponding horizontal bar graph will display under the overall performance level graph. Patterns and different colors are applied to represent each subgroup, and the legend below the graph is updated to display the color and pattern for each selected demographic subgroup displayed in the graph.

To view expanded graphs, select the caret to the left of the Demographic Subgroups table. To view the expanded data table, select the caret above the All Students graph.

Menu Options

Filter option information is available in the Dynamic Score Reporting Site User Guide.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- About this Report
- CSV Download – downloadable file that contains all student data that is contained on the report, according to your selected filters.
- CSV File Format – file that describes the data contained in the CSV download.
- PDF Download – To view a pdf of the report, select “PDF Download.” This will open a pdf document of the reports, according to your selected filters.

Report Features

Features of the Demographic Report are described below.

Drill-Down

The School Demographic Report includes a drill-down feature that enables the user to select the link in the Number of Students Assessed column to open a Student Roster Report which includes the students represented in the aggregated group. When the Number of Students Assessed is zero, the ‘0’ is not an active link. Note: In some instances, the number of students displayed may differ between the School Demographic Report and the generated Student Roster Report. This is because the Demographic Report does not include invalid tests, while the Student Roster Report does include invalid tests.

After a user has selected the link to drill-down into the represented aggregate group, a breadcrumb area appears below the District/School entity information that displays ‘School Demographic Report > Student Roster Report’. Each report name in the breadcrumb is an active link. To return to the School Demographic Report, the user selects ‘School Demographic Report’.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the ‘Choose Report’ drop-down menu.

The Drill-Down feature is not available on the State or District level Demographic Reports.

About the Data

- Only valid test scores are included in the reported results.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.
- Percentages of the two performance levels may not total 100% due to rounding.
- The All Students bar graph displays the percentage of students scoring at each proficiency level for the selected grade, content, and student population (All Students, Students with Disabilities, or All Except Students with Disabilities).
- If a demographic subgroup is selected on the table, the comparison horizontal bar graph will display the same grade, content, and student population for the demographic group selected (an example may be a comparison of All Ninth Grade Students with Disabilities being compared to Ninth Grade Female Students with Disabilities).

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.
- **Mean Scale Score:** The mean scale score for a group of students is determined by summing the valid scale scores across that group (within a grade and content area) and dividing by the number of valid scores used for the summed total.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Privacy Notice: The Demographic Report may contain federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 10 Individual Student Report

The PSAT 10 Individual Student Report (ISR) provides information about student performance in two content areas: Evidence-Based Reading and Writing and Math.

Appropriate Uses of the Data in this Report

Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

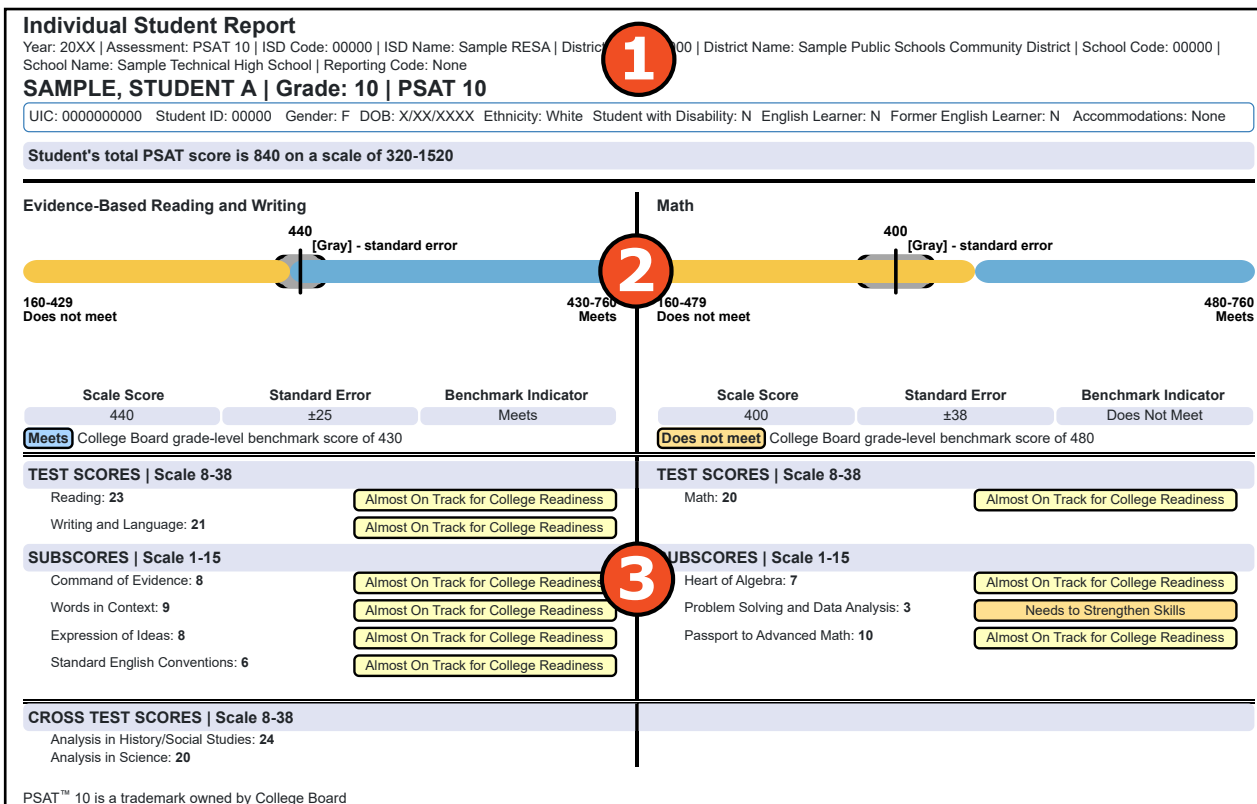
The report is divided into three main sections:

- 1 Student Demographic Information
- 2 Overall Content Performance
- 3 Individual Test Scores, Subscores, and Cross-Test Scores, Advanced Placement Potential

PSAT 10 Individual Student Report

This report helps schools to:

- view overall summary score and benchmark indicator at a glance
- inform, when used with other local assessment data, about student proficiency and progress toward College Board grade-level benchmark



PSAT 10 Individual Student Report

Schools should not use this report to:

- make program-placement decisions for individual students
- make day-to-day instructional decisions for individual students

Student Demographic Information – 1

This section provides identifying information about the student including name, grade, gender, date of birth, race/ethnicity, Unique Identification Code (UIC), and, if provided by the school, the district student ID. The report will indicate if the student has been marked as a Student with Disability, English Learner, or Former English Learner in the Michigan Student Data System (MSDS). Additionally, If the student was assigned accommodations, the accommodations will be listed.

Overall Content Performance – 2

The Total Score is the sum of two section scores: Evidence-based Reading and Writing and Math. If the test is invalid, a reason is provided.

Section Scores

- Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.
- The EBRW score is derived from the reading test score and the writing and language test score.
- Math Section score is derived from the math test score.
- Overall content performance is marked on the graphic to indicate the student's scale score and standard error.
- Each color band of the graphic indicates a benchmark level:
 - Yellow – Does not meet College Board grade-level benchmark
 - Blue – Meets College Board grade-level benchmark
- The color bands show the minimum and maximum scale score for each benchmark indicator.

- The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.
- A table below the overall content performance graphic provides the overall content performance data in tabular form.

Individual Test Scores, Subscores, and Cross-Test Scores, Advanced Placement Potential – 3

Individual Test Scores

- The Reading component of the Evidence-Based Reading and Writing (EBRW) test measures comprehensive and reasoning skills, focusing on close reading of passages in a wide array of subject areas.
- The Writing and Language component of the EBRW test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.
- The Math test includes a range of math practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Subscores

The EBRW and Math assessments report multiple subscores for reading, writing and language, and math, all ranging from 1 to 15 points. Subscores provide more detail about student achievement.

Subscores for Evidence-Based Reading and Writing

- Command of Evidence – assessment of students’ ability to understand, to evaluate, and to make use of textual evidence, including facts, details, and statistics.
- Words in Context – assessment of students’ ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.
- Expression of Ideas – assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.
- Standard English Conventions – assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Subscores for Math

- Heart of Algebra – assessment of students’ skills with linear equations and systems of linear equations.
- Problem Solving and Data Analysis – assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.
- Passport to Advanced Math – assessment of the student’s ability to identify and create equivalent algebraic expressions; creating, analyzing, and fluently solving quadratic and other nonlinear equations.

College Board Test and Subscore Performance Indicators

College Board provides test score and subscore achievement indicators to summarize student grade-level readiness for college-and-career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following performance indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Cross-Test Scores

From the EBRW and Math section scores, two cross-test scores are reported:

- Analysis in History/Social Studies
- Analysis in Science

Analysis in History/Social Studies and Analysis in Science Cross-Test scores are based on questions in the Reading, Writing and Language, and Math tests that ask students to think analytically about texts and problems in these subject areas.

Menu Options

Filer option information is available in the [Dynamic Score Reporting Site User Guide](#).

Take Action

The take action menu, which is enabled after a report is generated, contains the following options for the report:

- About this Report
- PDF Download – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option. If PDF Download is selected prior to viewing the report, the resulting PDF will be generated according to the selected filters in the Report Navigation Menu.

Report Features

Features of the report are described below.

Go to Student

The Go to Student menu allows the user to go directly to the ISR for the selected student.

Drill-Down

A user may drill-down into an Individual Student Report from the Student Roster Report. When a user accesses the Individual Student Report in this way, the user cannot make any additional filter selections in the report.

About the Data

- Tests marked “invalid” display the invalid reason. Invalid tests are not included in school, district, or state aggregations.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student’s PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduating from high school.
- **Standard Error:** Educational measurements are attempts to capture a student’s true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores that would be expected if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale, allowing scores to be compared across different forms of the test.

Privacy Notice: This report contains federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 10 Student Roster Report

The PSAT 10 Student Roster Report provides information about student performance by content area.

Appropriate Uses of the Data in this Report

Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

The report is divided into five main sections:

- 1 Overall Proficiency Summary
- 2 Rostered Student Description
- 3 Overall Content Performance (Table Format) Description
- 4 Overall Content Performance (Graphic Format) Description
- 5 Individual Test Scores and Subscores

Overall Proficiency Summary – 1

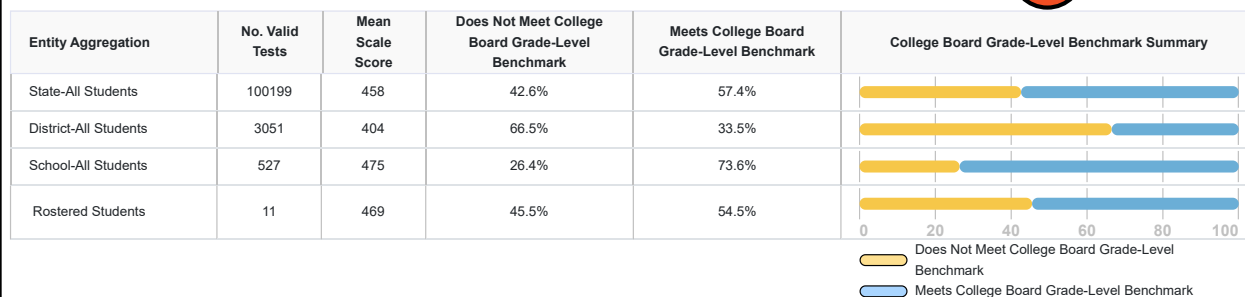
Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.

Student Roster Report

Year: 20XX | Assessment: PSAT 10 | ISD Code: 00000 | ISD Name: Sample ISD | District Code: 00000 | District Name: Sample Public Schools Community District | School Code: 00000 | School Name: Sample Technical High School | Reporting Code: All

Grade 10 | Evidence-Based Reading & Writing

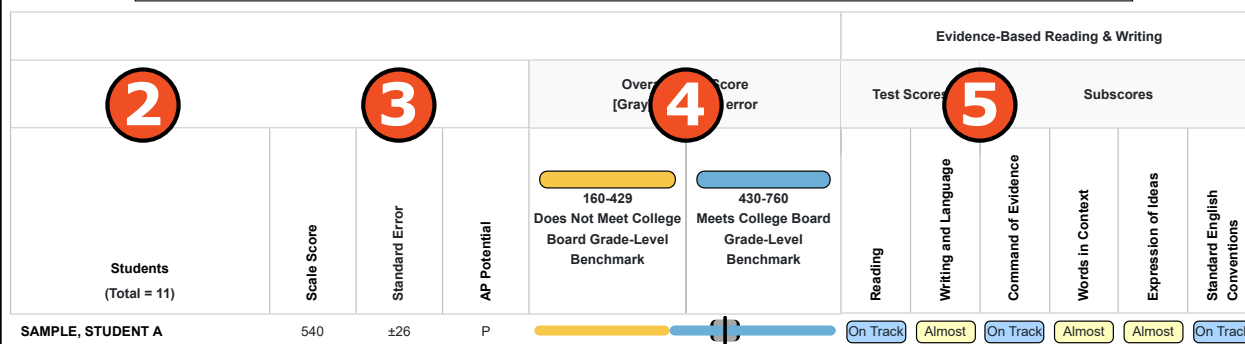
Proficiency Summary



LEGEND

Performance Indicators: Needs to Strengthen Skills Almost On Track for College Readiness On Track for College Readiness

AP Potential Indicators: P – Student has potential to score a 3 or higher on an AP exam S – Student has some potential to score a 3 or higher on an AP exam NA – Student needs to strengthen skills to be successful on an AP exam



PSAT 10 Student Roster Report

This report helps schools to:

- view overall summary score and College Board grade-level benchmark at a glance
- view and sort student overall scale score and College Board grade-level benchmark in a rostered list of students

PSAT 10 Student Roster Report

Schools should not use this report to:

- make program placement decisions for individual students based solely on data from this assessment
- make day-to-day instructional decisions for individual students
- make decisions about continuous improvement goals and strategies for schools or districts

Overall proficiency summary data for each group is displayed in graphic format.

- State – All students in the State
- District – All students in the district
- School – All students in the school
- Rostered Students – Students displayed in the roster according to user filter selections

The data displayed in the table is:

- Total number of valid tests
- Mean scale score
- Percent of valid tests in each College Board grade-level benchmark – Does Not Meet/Meets College Board grade-level benchmark

The data displayed in the graph is:

- Percent of valid tests that do not meet/meet College Board grade-level benchmark
- Number of valid tests that do not meet/meet College Board grade-level benchmark is displayed in the hover feature

Rostered Student Description – 2

Students meeting the selected filter criteria are displayed in ascending alphabetical order by last name, then first name. The sorting sequence may be changed to sort in descending alphabetical order.

The following data is displayed in these sections:

- Number of students displayed in the student roster. This represents all students who tested in the selected filters including students with invalid tests.
- Student Name as last name, first name, middle initial. Student name is sortable.
- Unique Identification Code (UIC) displayed when clicking the Information or **i** icon
- Date of Birth (DOB) displayed when clicking the Information or **i** icon

Overall Content Performance (Table Format) Description – 3

Overall content area scale scores, including standard error and the College Board grade-level benchmark, are provided as a graphic and as a table. Scale score ranges for each grade-level benchmark are also shown on the graphic.

For each selected student, the scale score is sortable. Sorting by scale score will result in a list of the selected students in order of scale score (descending or ascending – selecting “Scale Score” once sorts in descending order, while selecting twice sorts in ascending order).

The student’s PSAT 10 test score indicates the student’s probability of scoring a 3 or higher on a specific Advanced Placement exam according to the following scale:

- P indicates the student has potential to score a 3 or higher.
- S indicates the student has some potential to score a 3 or higher.
- NA indicates the student needs to strengthen skills in order to be successful on an AP exam.

Overall Content Performance (Graphic Format) Description – 4

The performance data for each selected student is also displayed in graphic format.

- Standard Error (gray band in graphic)
- Each color band of the graphic indicates a College Board grade-level range:
 - Yellow – Does not meet College Board grade-level benchmark
 - Blue – Meets College Board grade-level benchmark
- The color bands contain the minimum and maximum scale score range for that performance level.

- The PSAT 10 benchmark score is an indicator displayed on the student’s PSAT 10 Score Report provided by the College Board. Students meeting the PSAT 10 benchmark are on track for college and career readiness upon graduation from high school.

Individual Test Scores and Subscores – 5

Individual Test Scores

- The Reading test measures comprehensive and reasoning skills and focuses on close reading of passages in a wide array of subject areas.
- The Writing and Language test measures a range of skills including command of evidence, expression of ideas, and the use of standard English conventions in grammar and punctuation.
- The Math test includes multiple-choice and student-produced response questions. The test assesses skills in algebra, problem solving and data analysis, manipulation of complex equations, geometry, and trigonometry.

Subscores

Subscores for Evidence-Based Reading and Writing and Math provide detail about student performance.

Evidence-Based Reading and Writing

- Command of Evidence – questions focus on the assessment of students’ ability to understand, to evaluate, and to make use of textual evidence, including facts, details, and statistics.
- Words in Context – questions focus on the assessment of students’ ability to interpret words and phrases in context, to analyze word choice rhetorically, and to use language effectively in writing.
- Expression of Ideas – questions focus on the assessment of students’ ability to revise multi-paragraph texts for development, organization, and rhetorically effective language use.

- Standard English Conventions – questions focus on the assessment of students’ ability to edit multi-paragraph texts to ensure conformity to the conventions of standard written English sentence structure, usage, and punctuation.

Math

- Heart of Algebra – questions focus on the assessment of students’ skills with linear equations and systems of linear equations.
- Problem Solving and Data Analysis – questions focus on the assessment of students’ ability to use ratios, percentages, and proportional reasoning, as well as to describe graphical relationships and analyze data.
- Passport to Advanced Math – Evaluates the student’s ability to identify and create equivalent algebraic expressions: creating, analyzing, and fluently solving quadratic and other nonlinear equations.

College Board Test and Subscore Performance Indicators

College Board provides test score and subscore achievement indicators to summarize student grade-level readiness for college-and-career. Reading, Writing and Language, and Math test scores and Evidence-Based Reading and Writing and Math subscores are summarized with one of the following performance indicators:

- Needs to Strengthen Skills
- Almost On Track for College Readiness
- On Track for College Readiness

Menu Options

Filter option information is available in the Dynamic Score Reporting Site User Guide.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- About this Report
- CSV Download – two downloadable files that contain all student data that is contained on the report. One file contains the data in the overall proficiency summary, and the other file contains the data from the student roster.
- CSV File Format – file that describes the data contained in the CSV downloads.
- PDF Download – To view a PDF of the report, select “PDF Download.” This will open a PDF document of the reports, according to your selected filters. You can print individual or small groups of reports from this option. If “PDF Download” is selected prior to viewing a report, the resulting PDF will be generated according to the selected filters in the Report Navigation Menu.

Report Features

Features of the report are described below.

Sort Options

There are several sort options available in the report:

- Student Name – the initial display of the report is in alphabetical order with invalid reports grouped at the bottom of the report. Users can select to sort in reverse alphabetical order; invalid reports will display at the top.
- Scale Score – Scale Score can be sorted from high to low on the first selection; if selected a second time, the Scale Score sorts from low to high.
- Advanced Placement – Users can sort on P = Potential, S=Some Potential, or NA = not applicable.

Drill-Down

The Student Roster Report includes a drill-down feature that enables the user to select the student's name on the Student Roster Report to open an Individual Student Report.

After a user has selected a student name to drill-down into the Individual Student Report and the Individual Student Report displays, a breadcrumb area appears below the District/School entity information that displays 'Student Roster Report > Individual Student Report'. To return to the Student Roster Report, the user selects 'Student Roster Report'.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the 'Choose Report' drop-down menu.

About the Data

- Tests marked "invalid" display the invalid reason.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.
- **Standard Error:** Educational measurements are attempts to capture a student's true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Privacy Notice: This Report contains federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

PSAT 10 Demographic Report

The PSAT 10 Demographic Report provides a comparison of students by grade and content, aggregated across selected demographic groups, showing the percentages of students at each performance level (meets/does not meet grade-level benchmark). The Demographic Report is available at the school, district, and state levels.

Appropriate Uses of the Data in this Report

Decisions made based on assessment results must be based on appropriate data analysis. The table below provides important information about the appropriate use of the data in this report.

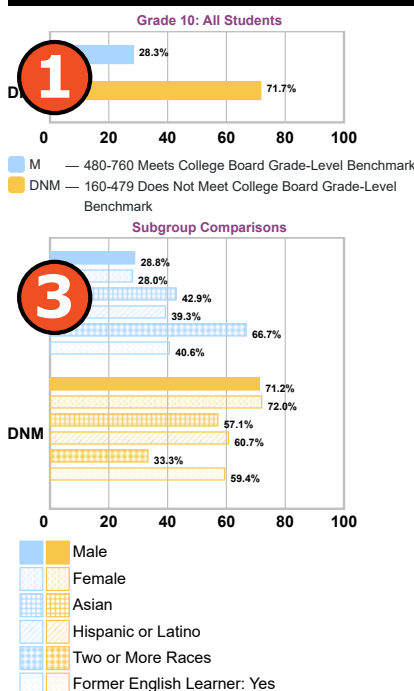
The report is divided into three main sections:

- 1 Overall Performance Level Percentages Graphic
- 2 Demographic Subgroup Performance Level Data Table
- 3 Demographic Subgroup Performance Level Percentages Graphic

School Demographic Report

Year: 20XX | Assessment: PSAT 10 | ISD Code: 00000 | ISD Name: Sample ISD | District Code: 00000 | District Name: Sample Public Schools Community District | School Code: 00000 |
School Name: School Technical High School

Grade 10 | Math | All Students



Demographic Subgroups	No. of Students Assessed	Mean Scale Score	% Does Not Meet College Board Grade-Level Benchmark	% Meets College Board Grade-Level Benchmark
All Students / Grade 10	527	436	71.7	28.3
Gender				
Male	170	441	71.2	28.8
Female	357	433	72.0	28.0
Ethnicity				
American Indian or Alaska Native	0	—	—	—
Asian	49	466	57.1	42.9
Black or African American	410	429	75.1	24.9
Hispanic or Latino	56	454	60.7	39.3
Native Hawaiian or Other Pacific Islander	0	—	—	—
Two or More Races	3	487	33.3	66.7
White	9	452	77.8	22.2
Additional Reporting Groups				
Economically Disadvantaged: Yes	346	436	71.1	28.9
Economically Disadvantaged: No	181	448	72.9	27.1
English Learner: Yes	55	448	65.5	34.5
English Learner: No	472	434	72.5	27.5
Former English Learner: Yes	32	461	59.4	40.6
Former English Learner: No	495	434	72.5	27.5
Foster Care: Yes	0	—	—	—
Foster Care: No	527	436	71.7	28.3
Homeless: Yes	2	380	100	0.0
Homeless: No	525	436	71.6	28.4
Migrant: Yes	0	—	—	—
Migrant: No	527	436	71.7	28.3
Military Connected: Yes	0	—	—	—
Military Connected: No	527	436	71.7	28.3
Students with Disabilities: Yes	5	440	60.0	40.0
Students with Disabilities: No	522	436	71.8	28.2
Accommodation				
Standard Accommodation - all students	12	420	83.3	16.7
Standard Accommodation - EL only	1	430	100	0.0

Overall Performance Level Percentages Graphic – 1

Scores and ranges are College Board benchmark scores/ranges and not MDE performance level ranges. MDE has not performed standard setting on this assessment.

A horizontal bar graph displays the percentages of meets/does not meet grade-level benchmark students for all students in the selected student population, grade, and content area. The legend beneath the graph(s) provides the scale score ranges associated with each grade-level benchmark.

PSAT 10 Demographic Report

This report helps schools to:

- identify needs for academic program improvement or continuous improvement goals
- compare school, district, and state results to identify performance by aggregate group
- analyze summary performance by demographic group
- compare demographic group performance to overall performance
- identify areas of strength and weakness by demographic group
- analyze curricular alignment and impact by demographic group

PSAT 10 Demographic Report

Schools should not use this report to:

- make program-placement decisions for individual students unless required by law
- make day-to-day instructional decisions for individual students

Demographic Subgroup Performance Level Data Table – 2

Performance level data, including the number of students assessed, mean scale score, and percentages of students in each grade-level benchmark – meets/does not meet – are displayed for all students and for the reported demographic subgroups in a table.

The demographic subgroups reported are:

- Gender
 - Male
 - Female
- Ethnicity
 - American Indian or Alaska Native
 - Asian
 - Black or African American
 - Hispanic or Latino
 - Native Hawaiian or Other Pacific Islander
 - Two or More Races
 - White
- Additional Reporting Groups
 - Economically Disadvantaged: Yes
 - Economically Disadvantaged: No
 - English Learner: Yes
 - English Learner: No
 - Former English Learner: Yes
 - Former English Learner: No
 - Foster Care: Yes
 - Foster Care: No
 - Homeless: Yes
 - Homeless: No
 - Migrant: Yes
 - Migrant: No
 - Military Connected: Yes
 - Military Connected: No
 - Students with Disabilities: Yes
 - Students with Disabilities: No
- Accommodations
 - Standard Accommodation – all students
 - Standard Accommodation – EL only

Demographic Subgroup Performance Level Percentages Graphic – 3

The user may select up to eight demographic subgroups in the demographic table to compare against the overall student population. Each selected demographic subgroup will be highlighted, and a graph entitled “Subgroup Comparisons” with a corresponding horizontal bar graph will display under the overall performance level graph. Patterns and different colors are applied to represent each subgroup, and the legend below the graph is updated to display the color and pattern for each selected demographic subgroup displayed in the graph.

To view expanded graphs, select the caret to the left of the Demographic Subgroups table. To view the expanded data table, select the caret above the All Students graph.

Menu Options

Filter option information is available in the Dynamic Score Reporting Site User Guide.

Take Action

The take action menu is enabled after a report is generated and contains the following options for the report:

- About this Report
- CSV Download – downloadable file that contains all student data that is contained on the report, according to your selected filters.
- CSV File Format – file that describes the data contained in the CSV download.
- PDF Download – To view a pdf of the report, select “PDF Download.” This will open a pdf document of the reports, according to your selected filters.

Report Features

Features of the Demographic Report are described below.

Drill-Down

The School Demographic Report includes a drill-down feature that enables the user to select the link in the Number of Students Assessed column to open a Student Roster Report which includes the students represented in the aggregated group. When the Number of Students Assessed is zero, the ‘0’ is not an active link. Note: In some instances, the number of students displayed may differ between the School Demographic Report and the generated Student Roster Report. This is because the Demographic Report does not include invalid tests, while the Student Roster Report does include invalid tests.

After a user has selected the link to drill-down into the represented aggregate group, a breadcrumb area appears below the District/School entity information that displays ‘School Demographic Report > Student Roster Report’. To return to the School Demographic Report, the user selects ‘School Demographic Report’.

A user may drill-down into a Student Roster Report from the School Demographic Report. When a user accesses the Student Roster Report in this way, the user cannot make any additional filter selections in the report. The user can view the report and use its sorting functionality or drill-down further into an Individual Student Report. However, to use the filter options in the Student Roster Report, the user must select the Student Roster Report from the ‘Choose Report’ drop-down menu.

The Drill-Down feature is not available on the State or District level Demographic Reports.

About the Data

- Only valid test scores are included in the reported results.
- Homeschooled students are excluded from the reported results.
- Nonpublic students are included only on the school level reports. They are excluded from district and state level results.

- Percentages of the two performance levels may not total 100% due to rounding.
- The All Students bar graph displays the percentage of students scoring at each College Board Grade-level Benchmark for the selected grade, content, and student population (All Students, Students with Disabilities, or All Except Students with Disabilities).
- If a demographic subgroup is selected on the table, the comparison horizontal bar graph will display the same grade, content, and student population for the demographic group selected (an example may be a comparison of All Tenth Grade Students with Disabilities being compared to Tenth Grade FEMALE students with Disabilities).

Data Definitions

- **PSAT Benchmark Score:** The PSAT benchmark score is an indicator displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college-and-career readiness upon graduation from high school.
- **Mean Scale Score:** The mean scale score for a group of students is determined by summing the valid scale scores across that group (within a grade and content area) and dividing by the number of valid scores used for the summed total.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.

Privacy Notice: The Demographic Report may contain federally protected student information. This report must be used in accordance with the Family Educational Rights and Privacy Act (FERPA).

OEAA Secure Site Data Files

Data files are available for download by authorized school and district users under the Reports/Student Test Scores tab on the [Office of Educational Assessment and Accountability \(OEAA\) Secure Site](http://www.michigan.gov/oeaa-secure) (www.michigan.gov/oeaa-secure).

Student Data File

The Student Data File contains detailed individual student data in a Microsoft Excel file. This data includes school information, student demographic data, test administration data, and student performance data.

School information – student ISD, district, and school codes

Student Demographic Data – includes Grade, Name, Gender, Ethnicity, UIC, Date of Birth; also includes subgroup information including Economically Disadvantaged, Special Education, Limited English Proficiency, Migrant status, and Homeschooled information

Test Administration Data – includes online or paper/pencil format, valid or invalid test (if invalid, includes reason for invalidation of the test), also whether student received accommodations

Student Performance Data – includes student scale score, student growth score, growth target, growth target time frame, and raw score data for social studies

The Student Data File is provided for schools to use as a data resource for school- or district-level data reviews. Schools or districts can use the Student Data File to manipulate and to evaluate data in ways that support school improvement goals or other data-based decision making purposes.

CSV File Formats are available on the OEAA Secure Site for PSAT 8/9 grade 8, PSAT 8/9 for grade 9, and PSAT 10.

PSAT Student Roster (CSV) File Format

The download file containing PSAT 8/9 data is a Comma Delimited File (CSV) with the following fields in order:

PSAT Student Roster (CSV) File Layout			
Column	Field Name	Description	Field Type (Length)
A	TestCycle	Spring 22 PSAT	varchar(60)
B	ISDCODE	ISD Code	varchar(5)
C	ISDName	ISD Name	varchar(50)
D	DistrictCode	District Code	varchar(5)
E	DistrictName	District Name	varchar(50)
F	SchoolCode	School Code	varchar(5)
G	SchoolName	School Name	varchar(50)
H	Grade	Tested Grade	int(2)
I	ContentArea	Content Area <ul style="list-style-type: none"> EL=ELA/EBRW MA=Math 	varchar(2)
J	ReportingCode	Reporting Code	varchar(4)
K	ReportingCodeLabel	Reporting Code Label	varchar(25)
L	LastName	Student Last Name	varchar(30)
M	FirstName	Student First Name	varchar(30)
N	MiddleInitial	Student Middle Initial	varchar(1)
O	UIC	Student Unique Identification Code (UIC)	varchar(10)
P	StudentNumber	Locally assigned student number	varchar(20)
Q	CollegeBoardStudentID	College Board student id number	varchar(7)
R	BirthDate	Student Date of Birth (mm/dd/yyyy)	datetime(8)
S	Gender	Student gender <ul style="list-style-type: none"> F = Female M = Male 	varchar(1)
T	Ethnicity	Student ethnicity: <ul style="list-style-type: none"> American Indian or Alaska Native Asian Black or African American Hispanic or Latino Native Hawaiian or Other Pacific Islander Two or more races White 	varchar(50)
U	EconDisadv	Economically Disadvantaged <ul style="list-style-type: none"> Yes No 	varchar(3)
V	EnglishLearner	English Learner <ul style="list-style-type: none"> Yes No 	varchar(3)

Aggregate Data File

The Aggregate Data File contains student performance data. This data includes school information, student population, demographic group, and student performance data.

School information – ISD, district, and school information are included in the selected report

Demographic Data – demographic data—such as Gender, Ethnicity, Economically Disadvantaged, Migrant status, or Other—are included, based on the data contained in the selected report

Student Performance Data – student or student aggregate group scale scores and claim or discipline data are included, based on the data contained in the selected report

The Aggregate Data File is provided for schools to use as a data resource for school- or district-level data reviews. Schools or districts can use the Aggregate Data Files to evaluate data in ways that support school improvement goals or other data-based decision making purposes.

PSAT 8/9 Demographic Downloadable (CSV) File Format

The downloaded file is a Comma Delimited File (CSV) with the following fields in order:

PSAT 8/9, SAT with Essay Demographic Downloadable (CSV) File Layout			
Column	Field Name	Description	Field Type (Length)
A	TestCycle	Spring 20xx PSAT/SAT	varchar(60)
B	ISDCode	ISD Code	char(5)
C	ISDName	ISD Name	varchar(50)
D	DistrictCode	District Code	char(5)
E	DistrictName	District Name	varchar(50)
F	SchoolCode	School Code	char(5)
G	SchoolName	School Name or All Buildings	varchar(50)
H	Assessment	PSAT 8/9 or SAT with Essay	varchar (14)
I	Grade	Tested Grade	int(2)
J	ContentArea	Content Area <ul style="list-style-type: none"> EL=ELA/EBRW (Evidenced-Based Reading and Writing) MA=Math 	varchar(2)
K	StudentPopulation	Student Population <ul style="list-style-type: none"> All = All Students SWD = Students with Disabilities AED = All Except SWD 	varchar(3)
L	DemographicGroup	Demographic Groups <ul style="list-style-type: none"> All Students/All Grades All Students/Grade X Gender Ethnicity Economically Disadvantaged English Learner Former English Learner Foster Care Homeless Migrant Military Connected Students with Disabilities Standard Accommodation 	varchar(30)
M	DemographicSubGroup	For each Demographic Group, the following subgroups are reported: <ul style="list-style-type: none"> Gender: <ul style="list-style-type: none"> Male Female Ethnicity: <ul style="list-style-type: none"> American Indian or Alaska Native Asian 	varchar(50)

Additional Resources

Additional Sources of Assessment Results

MI School Data

[MI School Data](http://www.michigan.gov/mischooldata) (www.michigan.gov/mischooldata) is an online public portal that provides views of Michigan education data, to help make informed educational decisions, to help improve instruction, and to enable school systems to prepare a higher percentage of students to succeed in rigorous high school courses, college, and challenging careers.

MiLearn

Michigan Linked Educational Assessment Reporting Network (MiLearn) is a Michigan Department of Education service that delivers state assessment data electronically to students, parents, and educators directly through the district's Student Information System (SIS). MiLearn is updated daily using the Michigan Data Hub data to reflect student enrollment changes.

When users log into the SIS, no second login or password is needed to access MiLearn. The user clicks a "State Assessment Data" link in the SIS to access MiLearn and their reports. Currently, districts on the Michigan Data Hub that use PowerSchool, MISTAR, Skyward, or Synergy as their SIS are able to integrate this free service. If your district is not yet on the Michigan Data Hub, contact support@michigandatahub.org.

The MiLearn system has been designed with flexibility and convenience for districts. You control who sees the data. District administrative staff configure their system security to locally govern which data is provided to their users. Since MiLearn receives rostering updates nightly, your data is always current and reflects the current school and district enrollment. This also means you will see the available state assessment results for new students in the district the next day.

Currently, MiLearn houses three years' worth of M-STEP results data. Beginning with the Spring 2019 score results, PSAT 8/9 results will be added to the system. For more information on MiLearn, contact Tim Hall at hallt@michigan.gov.

General Resources

General resources are available on the [PSAT web page](http://www.michigan.gov/psat) (www.michigan.gov/psat).

Resources available on the PSAT web page:

- Statewide Summative Assessment Calendars
- Michigan's Education Assessment System: What It Is, What It Means, and What It Offers - presentation
- Performance Level Scale Score Ranges
- How to Read Your Child's Score Report
- Understanding PSAT 8/9 Results for Parents
- Understanding PSAT 10 Results for Parents
- What Parents Should Know About Assessments PSAT 8/9 Understanding Scores
- Understanding PSAT 8/9 Results for Parents

[College Board website](http://www.collegeboard.org/psat) (www.collegeboard.org/psat): for PSAT 8/9 information

[Guidelines on the Uses of College Board Test Scores and Related Data](https://research.collegeboard.org/pdf/guidelines-uses-college-board-test-scores-and-data.pdf) (<https://research.collegeboard.org/pdf/guidelines-uses-college-board-test-scores-and-data.pdf>)

For instructions on how to obtain access to the Dynamic Reporting Site, go to [Secure Site Training](http://www.michigan.gov/securesitetraining) (www.michigan.gov/securesitetraining) and click **How do I get access to the Secure Site?**

Also, be sure to sign up for the OEAA [Spotlight on Assessment and Accountability Newsletter](http://www.michigan.gov/mde-spotlight) (www.michigan.gov/mde-spotlight) for weekly up-to-date information about statewide summative assessments.

Glossary

- **Benchmark score:** The PSAT benchmark scores are indicators displayed on the student's PSAT Score Report provided by the College Board. Students meeting the PSAT benchmark are on track for college readiness upon graduation from high school. PSAT benchmarks apply to both Evidence-Based Reading and Writing and Mathematics. The College Board PSAT benchmarks and the MDE proficient cut scores shown on this report are the same.
- **Discipline:** Disciplines are used as a means of organizing content standards and expectations. Disciplines apply to social studies.
- **Domains:** Domains are used to group the three-dimensional science standards using similar disciplinary core ideas. Domains apply to science.
- **Growth Score (SGP):** (Previously called Student Growth Percentiles) SGPs describe a student's learning over time compared to other students with comparable prior test scores. Percentiles range from 1 to 99 and indicate how many scores in the comparison group are below that score.
- **Growth Target (AGP):** (Previously called Adequate Growth Percentiles) This is the amount of growth necessary for the student to reach or to maintain proficiency within a set time frame. Percentiles range from 1 to 99 and indicate how much growth is required in order for the student to achieve proficiency in the time frame score.
- **Growth Target Time Frame:** This is the amount of time the growth target (AGP) model expects the student to take to reach or to maintain proficiency. Time Frames range from one to three and indicate how many years it would take for the student to achieve proficiency if they meet the Growth Target Score.
- **Invalid Test:** A test that was completed by the student but was not administered according to required test administration policies or procedures. The invalid reasons include:
 - **Invalid Return of Materials (Multiple Answer Documents OR Late Returns):** For paper/pencil tests, either multiple answer documents were received for the student or materials were returned after the materials return deadline.
 - **Misadministration:** The test was not administered according to required test administration policies and procedures. Examples of this type of invalidation include, but are not limited to: test directions not read verbatim during testing; students were able to view content-related materials in the classroom during testing; or the testing environment was not conducive to testing or was not appropriate for the test session.
 - **Missing MSDS data:** Data in the Michigan Student Data System is missing.
 - **Nonstandard Accommodation:** The student received an accommodation during testing that is not allowed. For example, a student who tested in grades 3-5 with any type of calculator has received a nonstandard accommodation because this accommodation changes what is being assessed in the test.
 - **Not Tested in Enrolled Grade (Out of Level):** The student's enrolled grade in MSDS does not match the grade-level test taken.
 - **Prohibited Behavior:** The student engaged in not-allowable behavior during the test session. This may include, but is not limited to: disruptions during testing, accessing prohibited electronic devices, or cheating.
 - **Test Not Attempted:** The student did not take the test or did not complete a sufficient portion of the test to receive a score.
- **Item:** A test question or stimulus presented to a student to elicit a response.

- **Standard Error:** Educational measurements are attempts to capture a student's true score, or ability, in the area being assessed. The standard error around the student score is an estimate of the range of scores one would expect if the student were to be measured repeatedly with parallel assessments.
- **Mean Scale Score:** The mean scale score for a group of students is determined by summing the valid scale scores across that group (within a grade and content area) and dividing by the number of valid scores used for the summed total.
- **Michigan's Academic Standards:** The standards outline learning expectations for Michigan students and are intended to guide local curriculum development. They should be used as a framework by schools for curriculum development, with the curriculum itself prescribing instructional resources, methods, progressions, and additional knowledge valued by the local community.
- **Performance Level:** This provides descriptive information about the student's performance on the M-STEP:
 - **Not Proficient** The student's performance is not yet proficient and indicates minimal understanding and application of key academic content standards defined for Michigan students. The student needs intensive intervention and support to improve achievement.
 - **Partially Proficient** The student's performance is not yet proficient, indicating a partial understanding and application of key academic content standards defined for Michigan students. The student needs assistance to improve achievement.
 - **Proficient** The student's performance indicates understanding and application of key academic content standards defined for Michigan students. The student needs continued support to maintain and improve proficiency.
 - **Advanced** The student's performance exceeds academic content standards and indicates substantial understanding and application of key concepts defined for Michigan students. The student needs support to continue to excel.
- **QR Code:** (Quick Response Code) is a machine-scannable image that can be read using a Smartphone camera. When a smartphone scans the image, it translates the information into something that can be understood by humans.
- **Raw Score:** Points earned/total points possible. Raw scores are not comparable across different forms of the test.
- **Scale Score:** Scale scores are test scores that have been statistically adjusted to a common scale that allows scores to be compared across different forms of the test.
- **Subscore:** A subtest is a portion of the total test, and the score of a subtest is called a subscore. Subscores cannot be combined to directly generate the overall scale score.

Contact Information

School administrators, teachers, and counselors should become familiar with the report layouts and information contained in this document. If you have questions after reviewing this Interpretive Guide to Reports, or need additional information about administration procedures, content, scheduling, and/or appropriate assessment of or accommodations for students with disabilities or English Learners (ELs), contact the Michigan Department of Education Office of Educational Assessment and Accountability (OEAA), using the contact information listed below.

Phone: 1-877-560-8378, option 3

Fax: 517-335-1186

Website: www.michigan.gov/mstep

E-mail: mde-oeaa@michigan.gov

Office of Educational Assessment and Accountability

Andrew Middlestead, Director, OEAA

Kate Cermak, Manager, Test Administration and Reporting

John Jaquith, Manager, Test Development

Jessica Fenby, State Assessment Integrity and Security Administrator

Phoebe Gohs, M-STEP Administration and Reporting Consultant

Dan Evans, MI-Access Test Administration and Reporting Consultant

Steve Reed, MME Test Administration and Reporting Consultant

Susan Palmiter, Social Studies Consultant

Jill Scheurer, Science Consultant

Jennifer Paul, Ph.D., English Learner and Accessibility Assessment Specialist

Ji Zeng, Ph.D., Lead Psychometrician, Psychometrics